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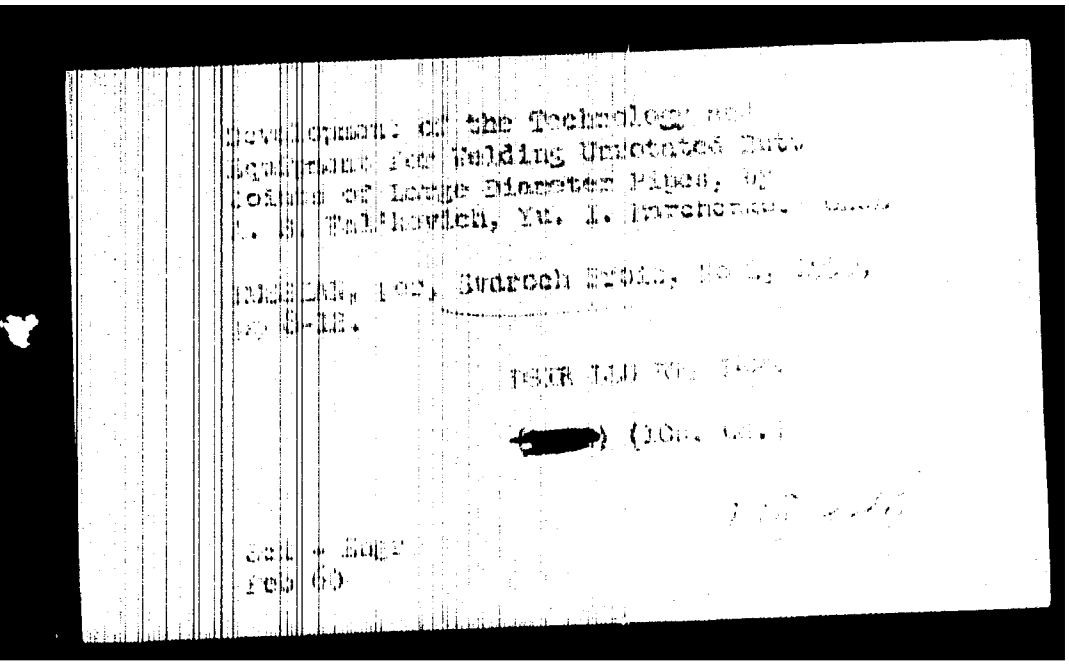

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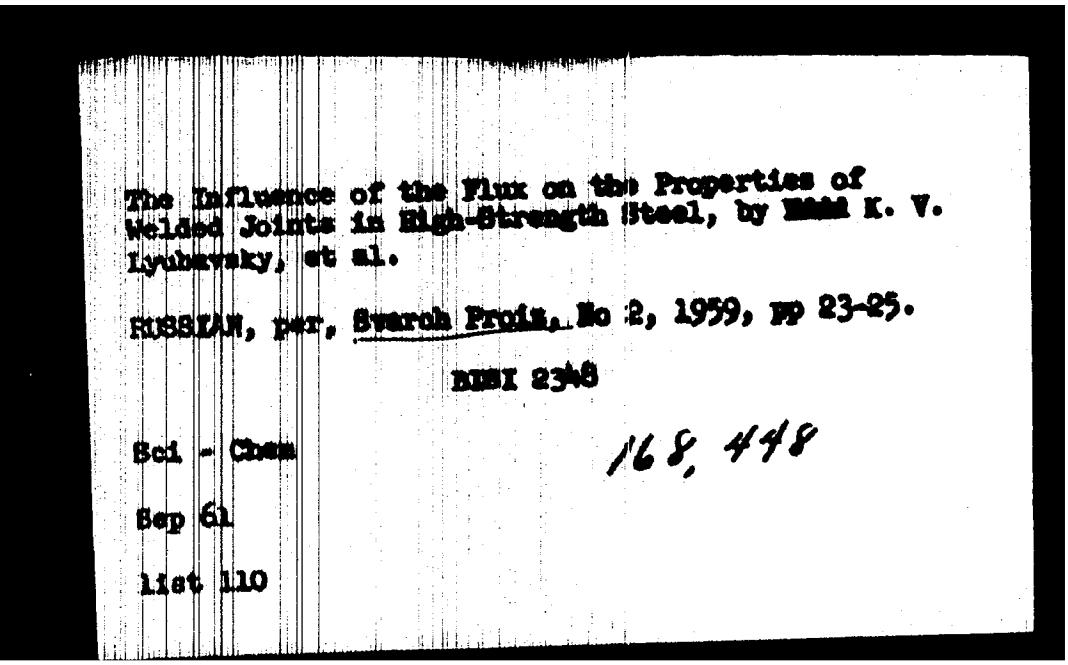

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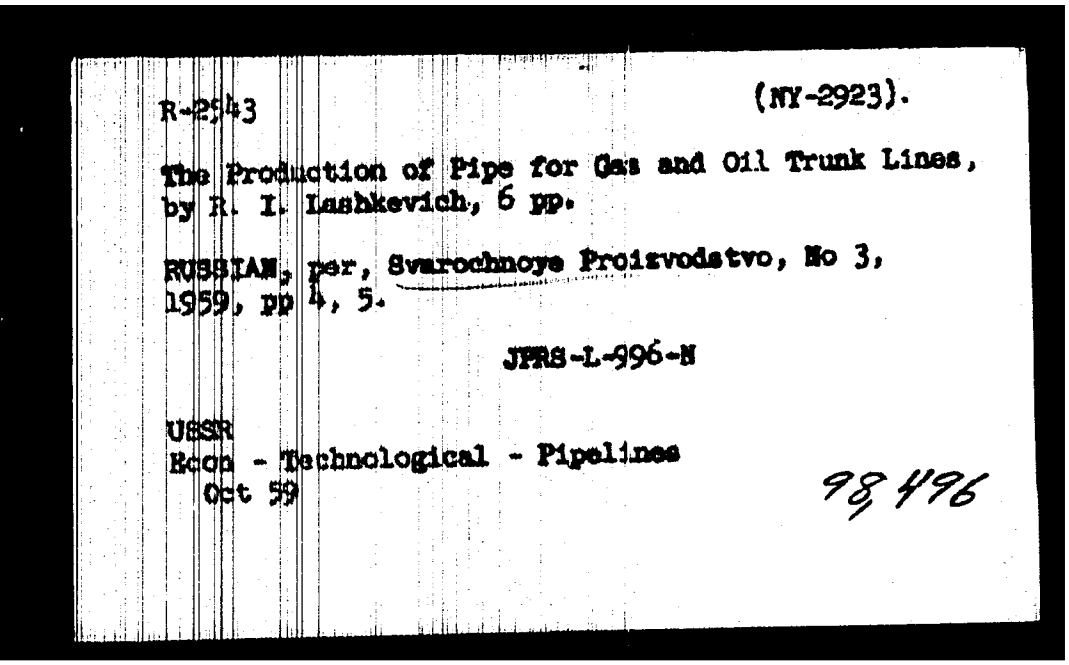

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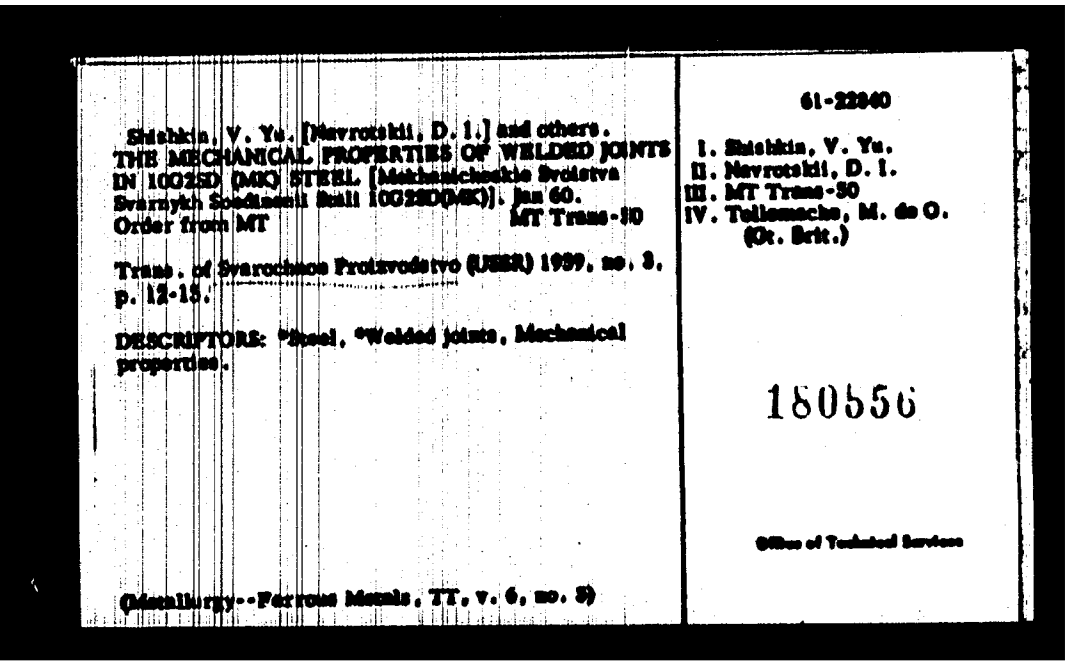

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DESCRIPTORS: *Steel, *Welded joints, Mechanical properties.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)

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DESCRIPTORS: *Welds, Arc welding, *Deformation, *Torches, Acetylenes, Oxygen.

(Metallurgy), TT, v. 10, no. 7)

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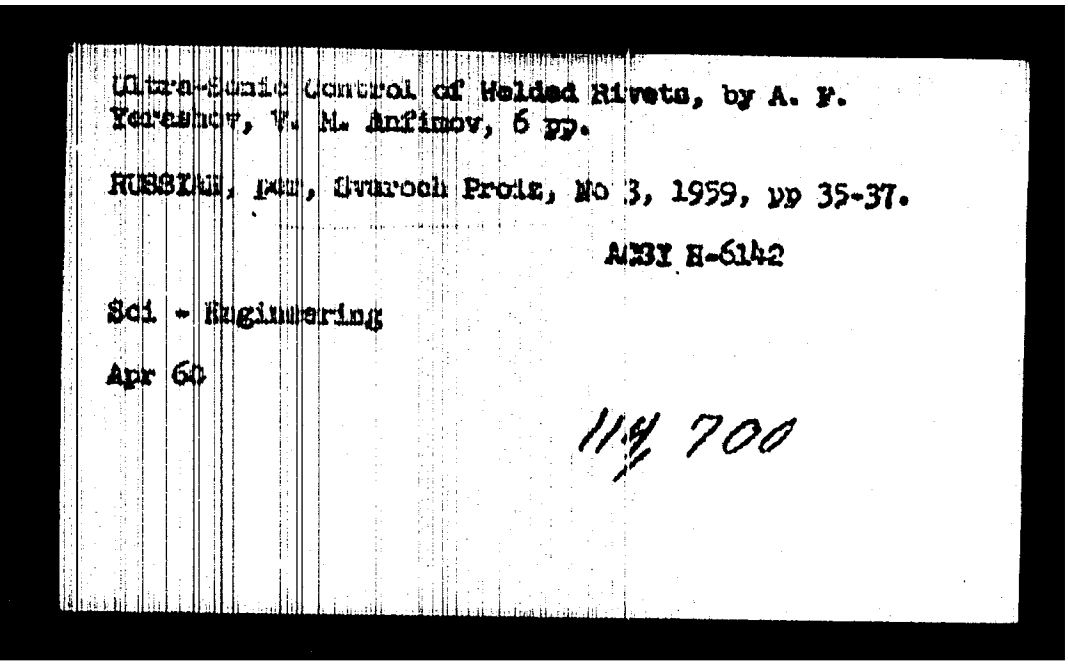

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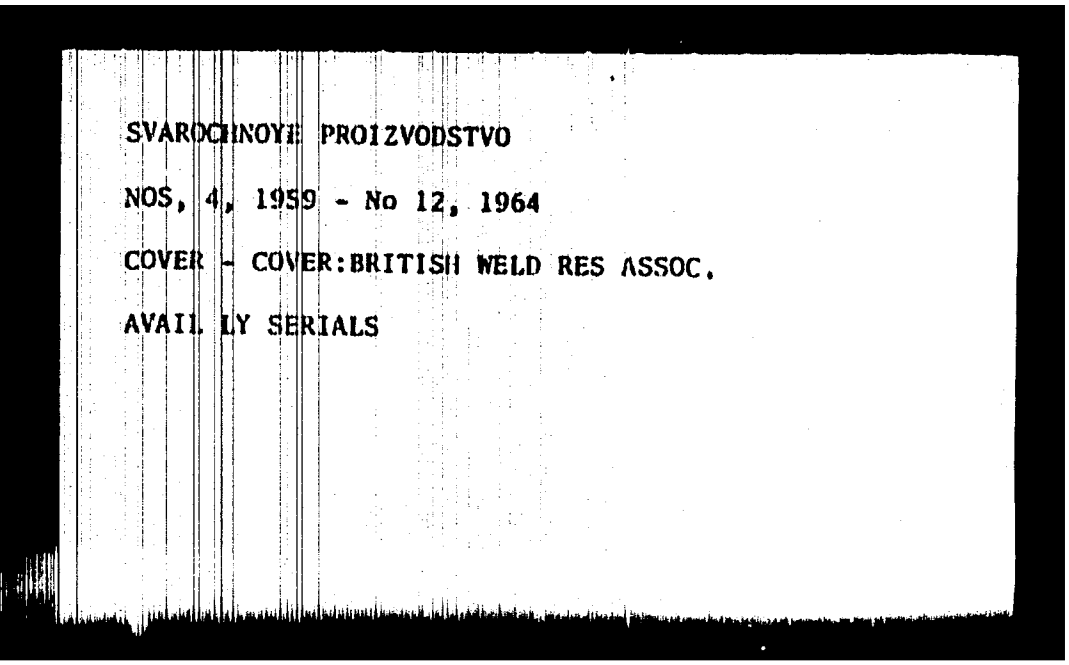

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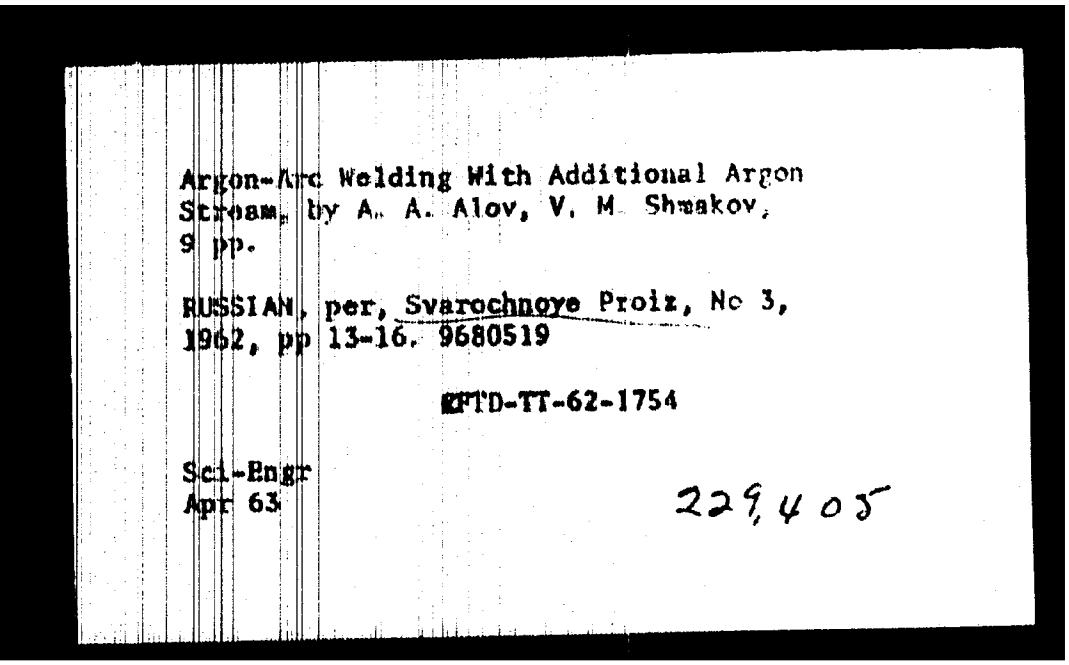

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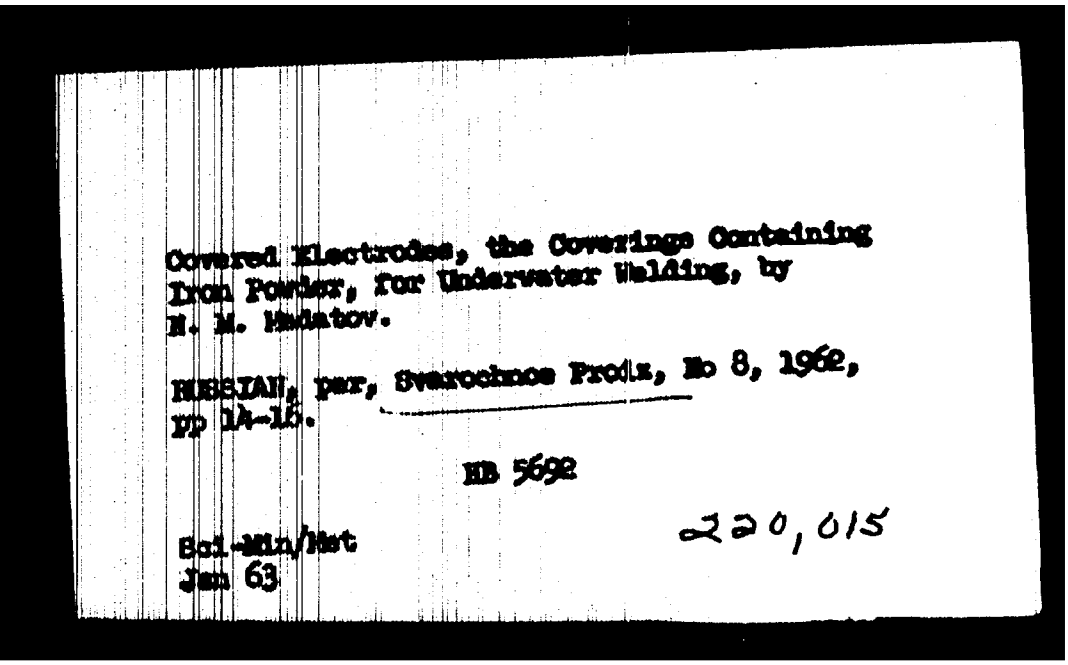

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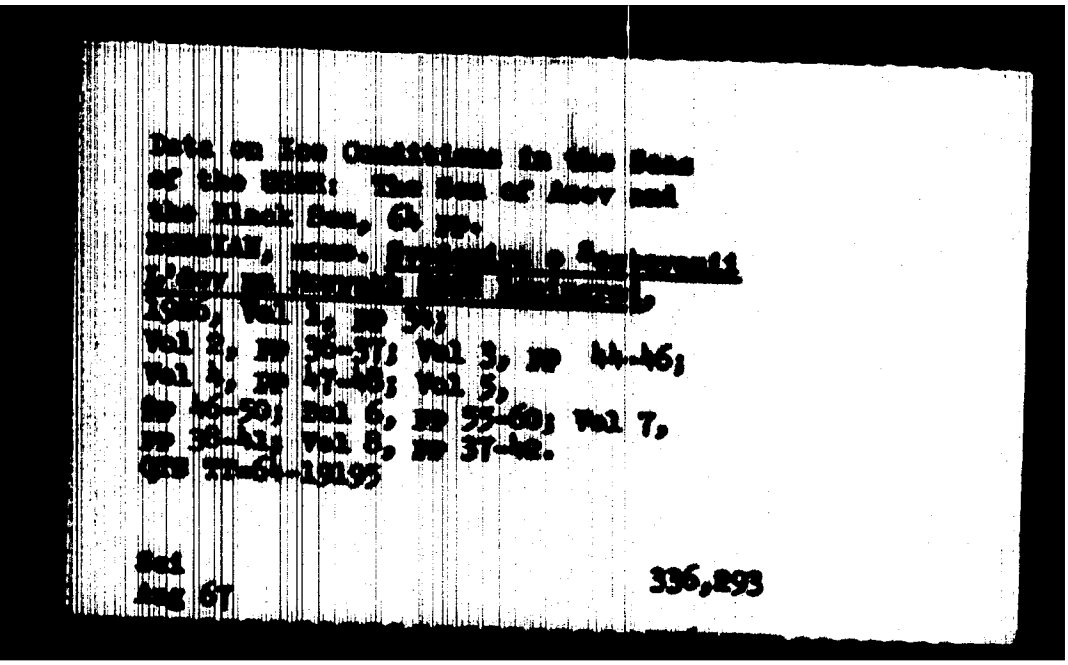

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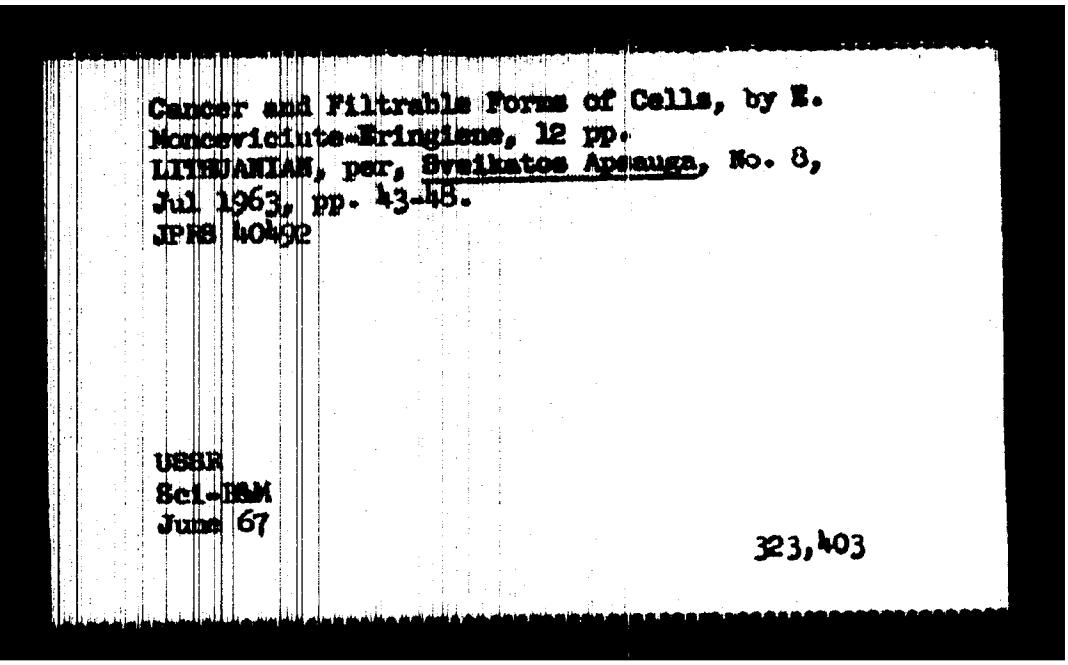

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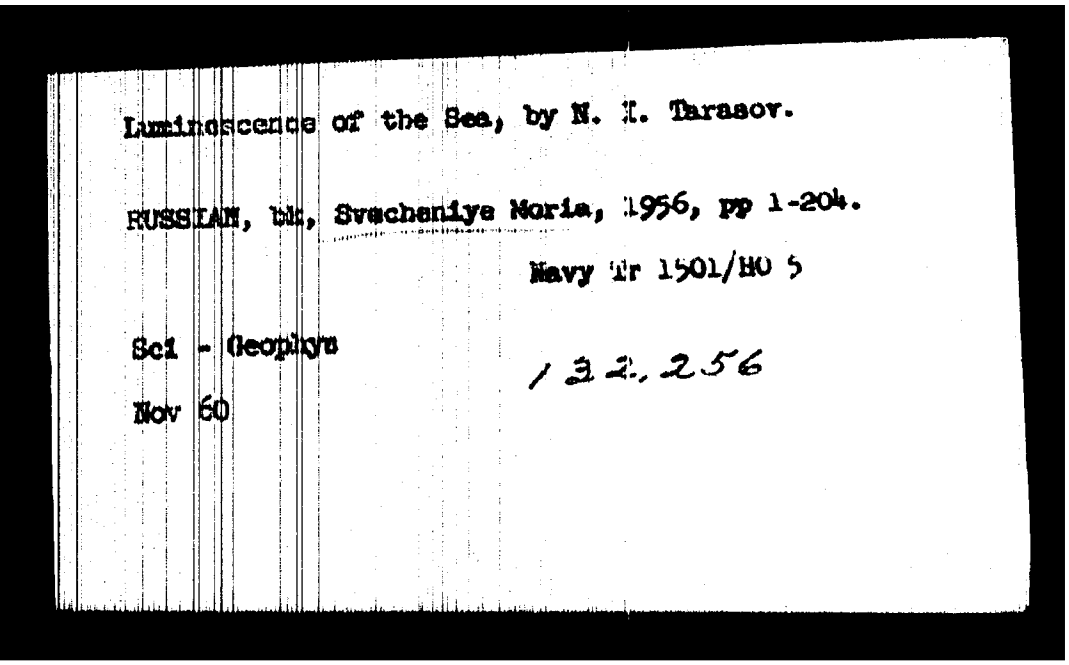

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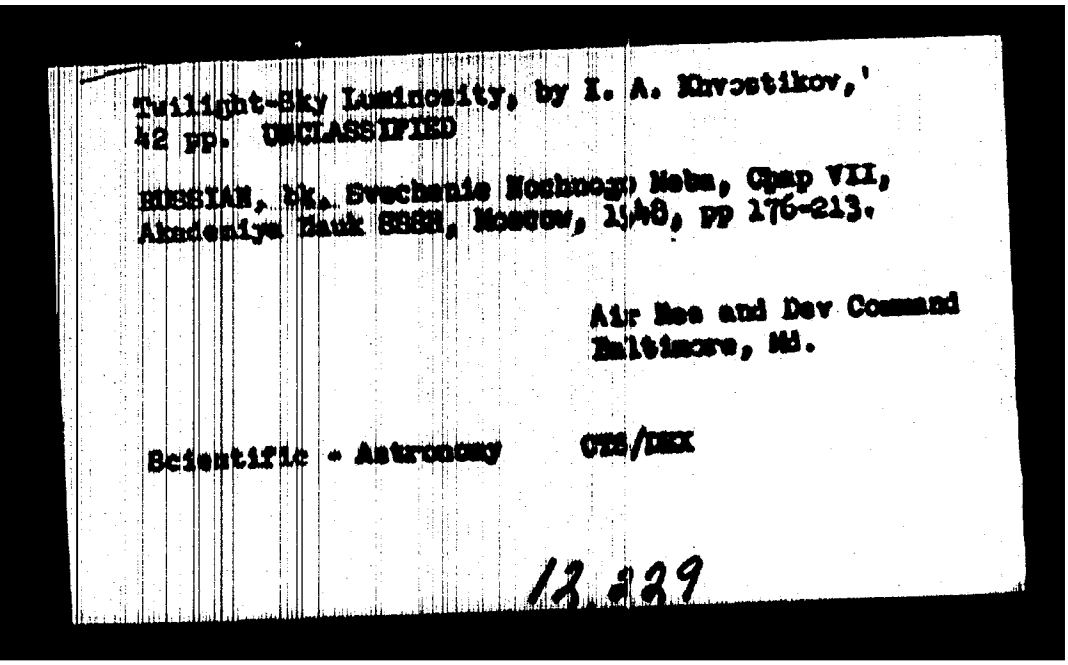

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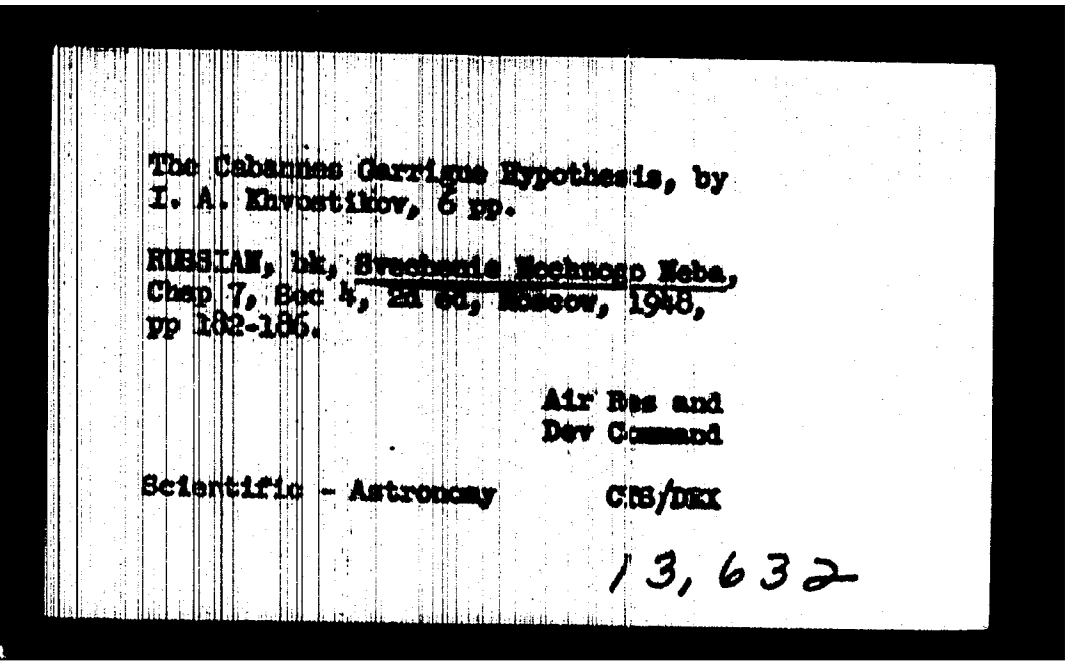

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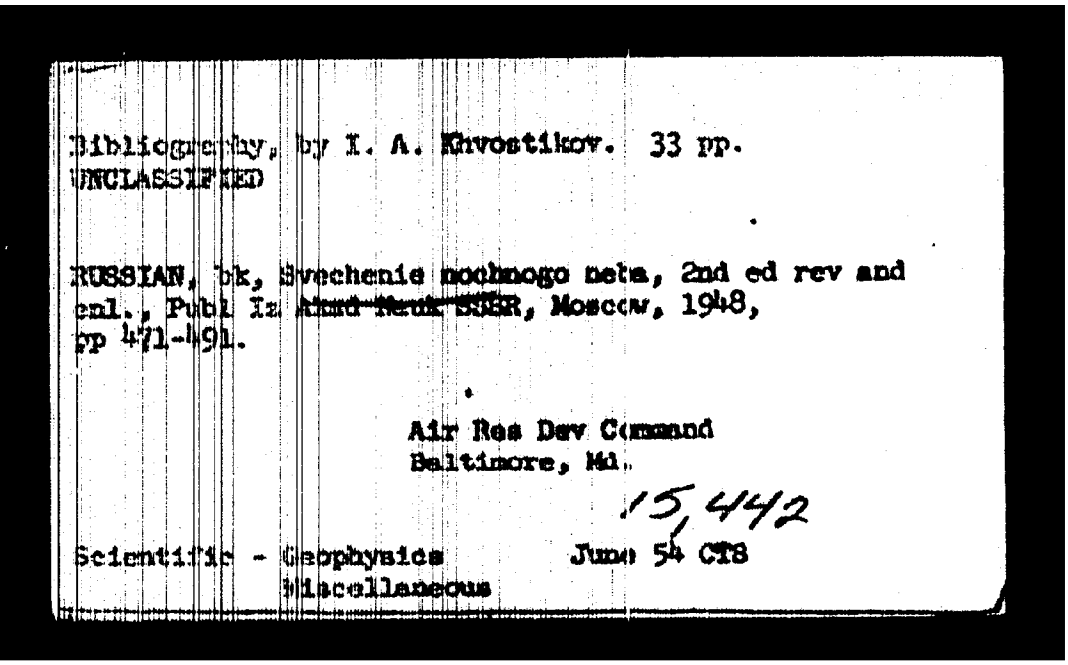

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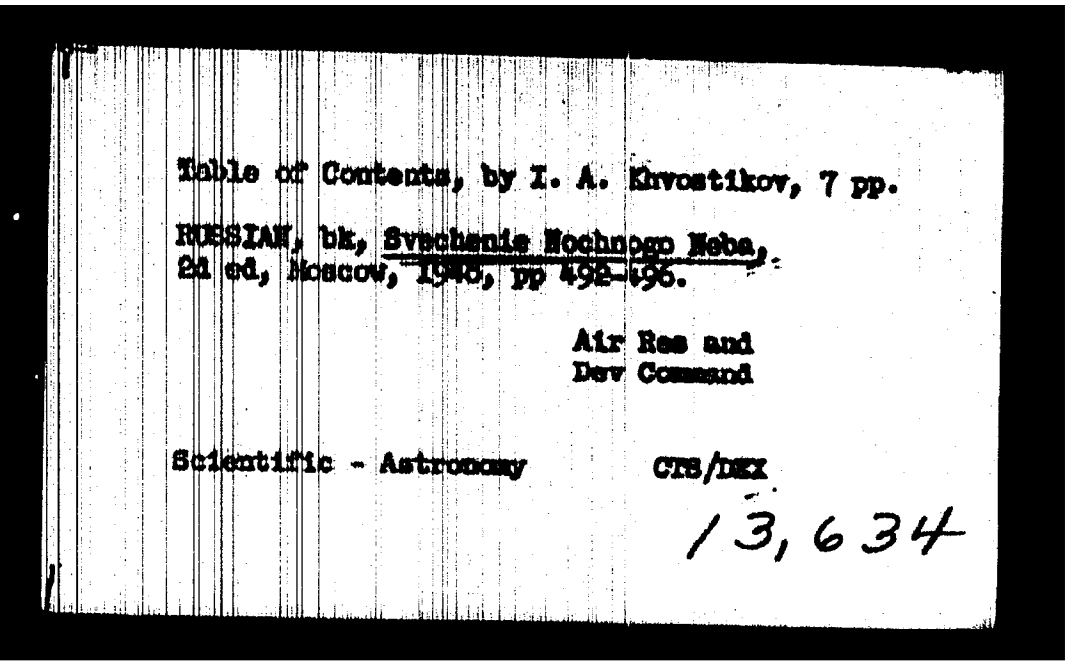

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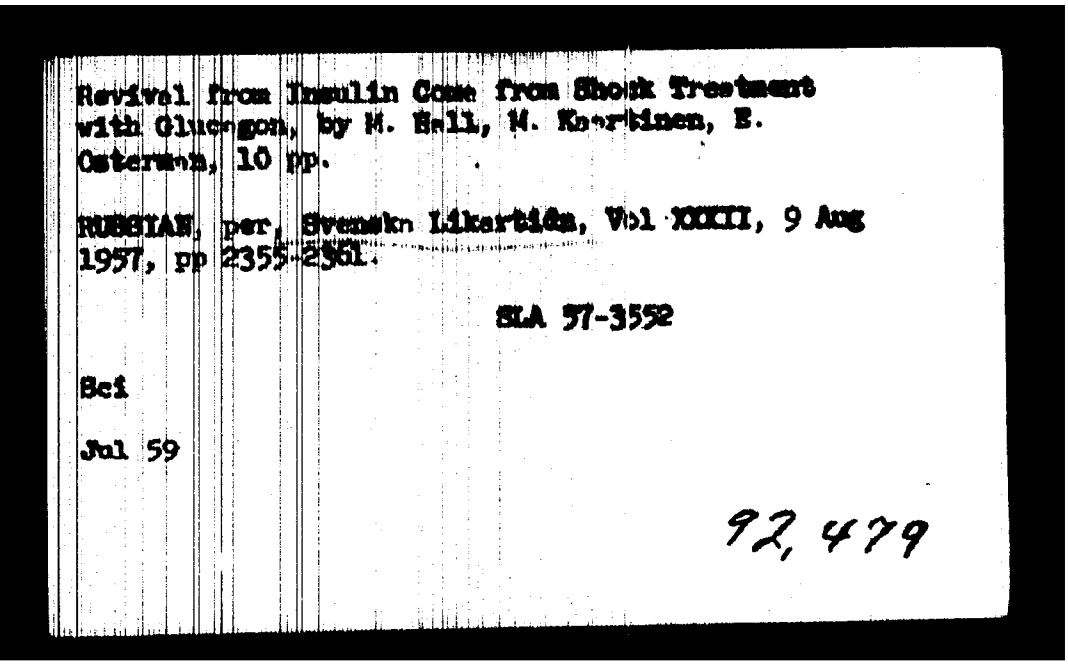

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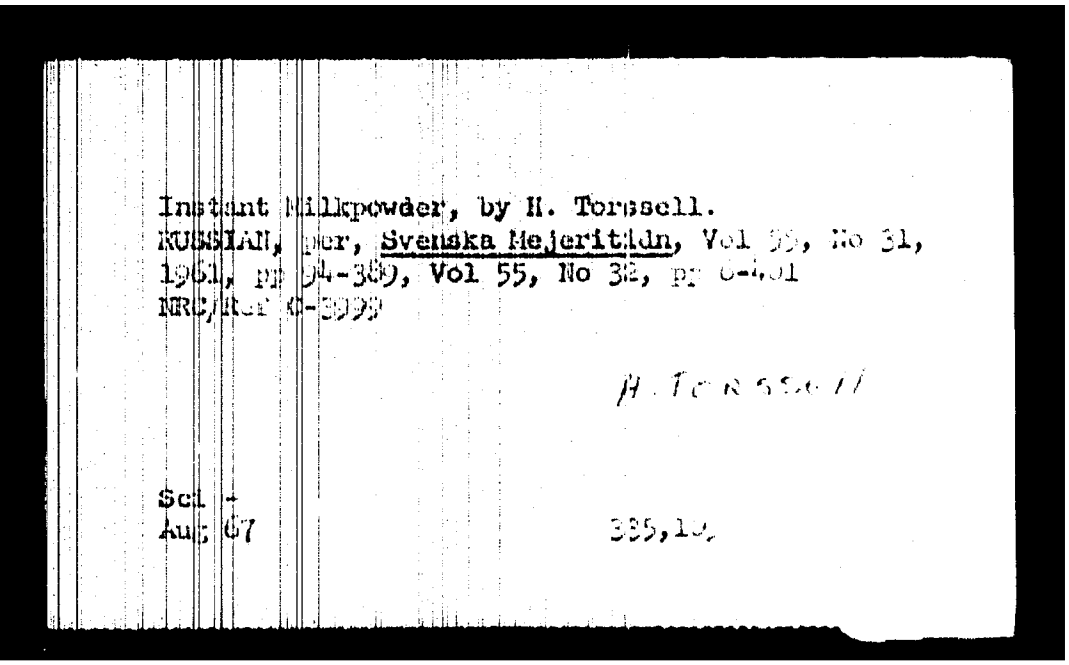

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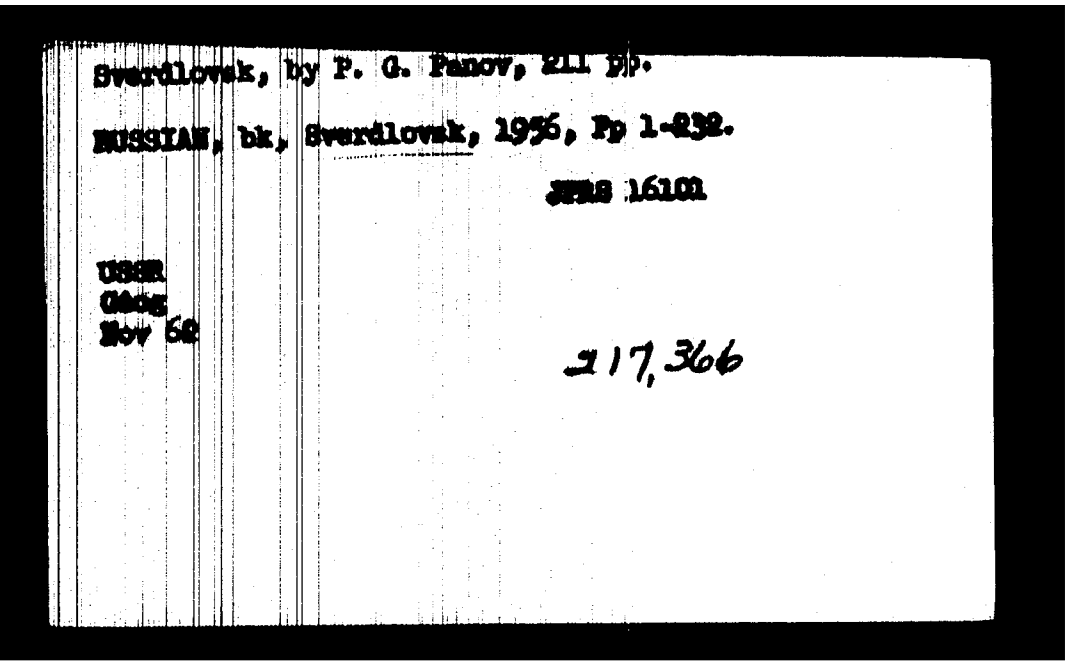

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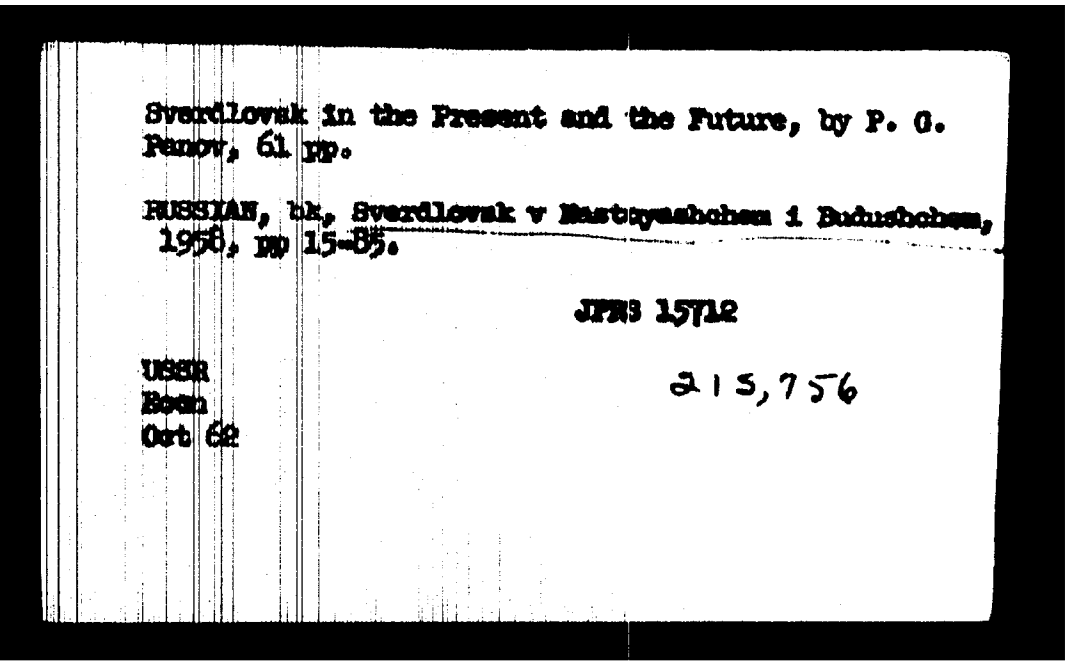

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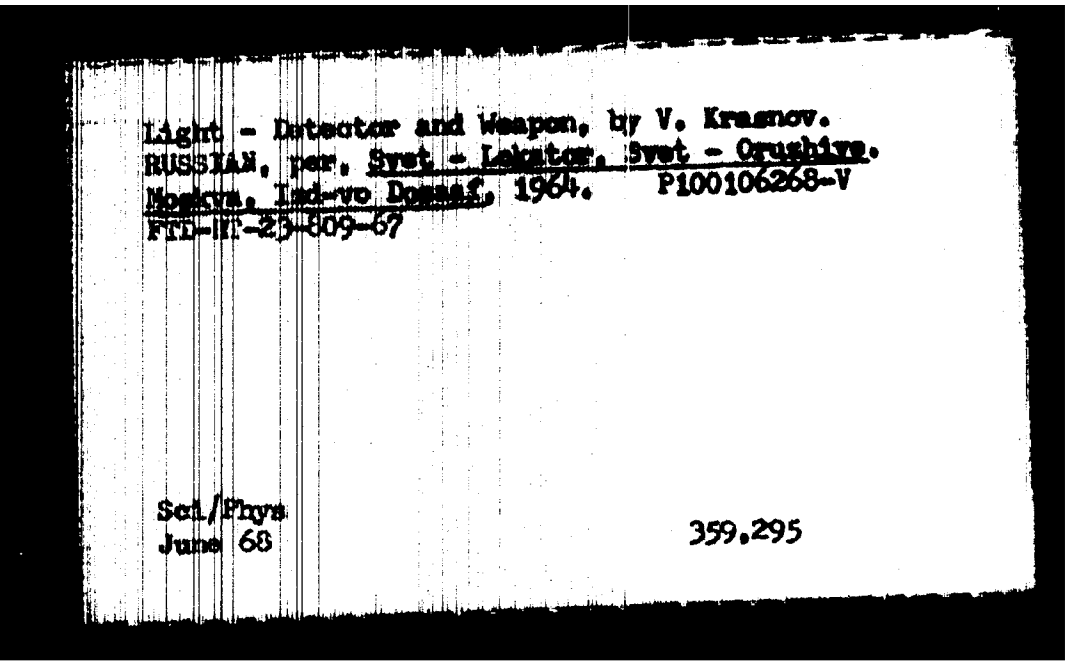

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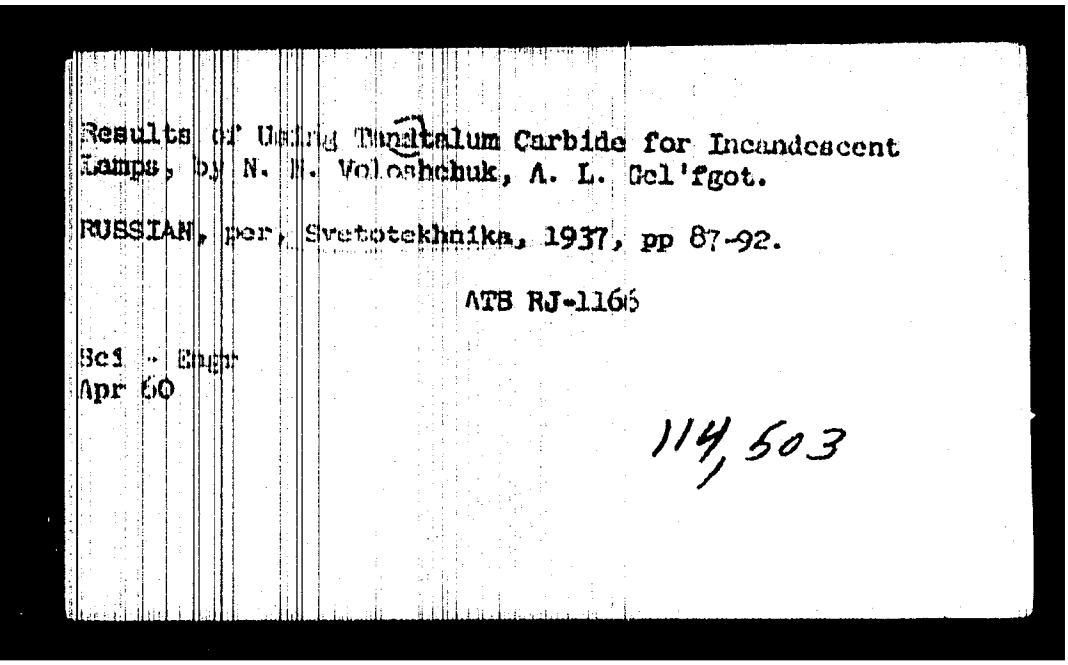

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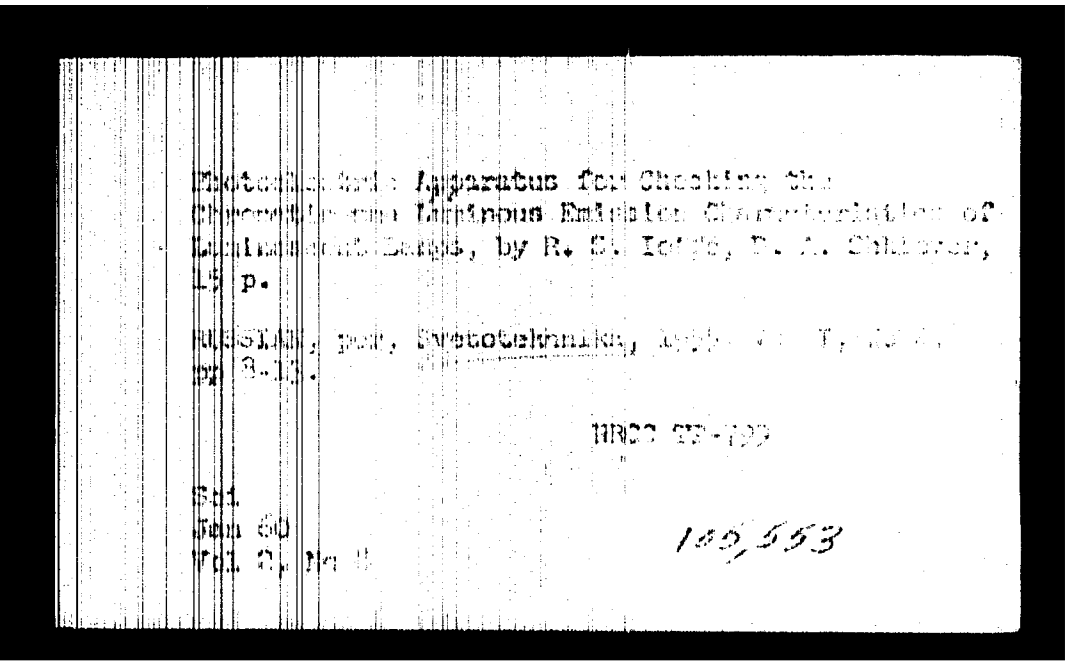

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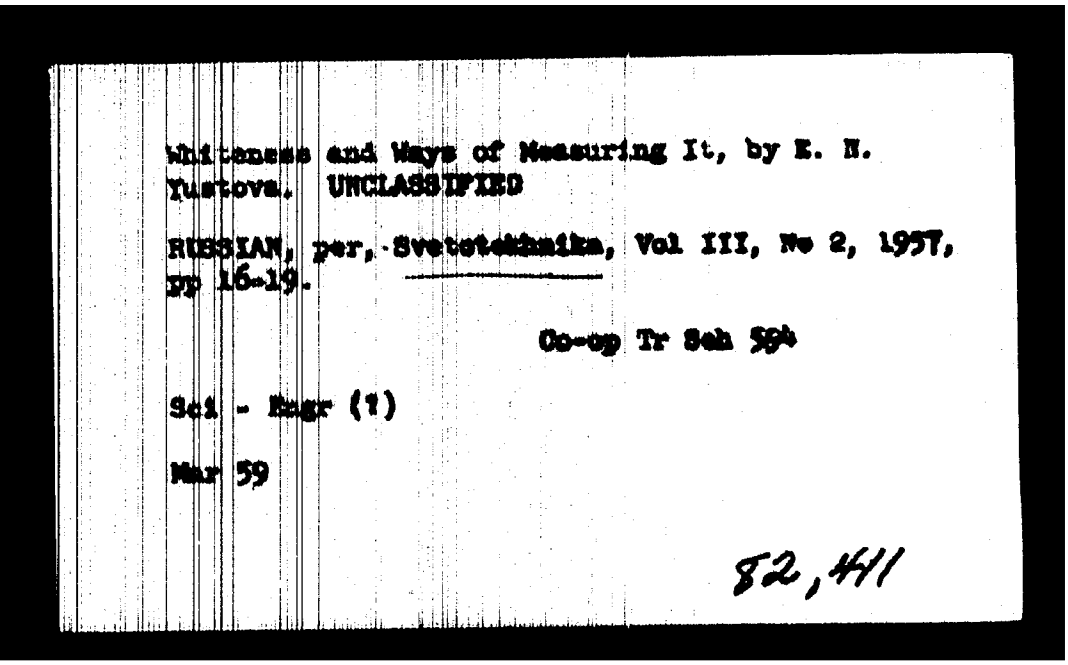

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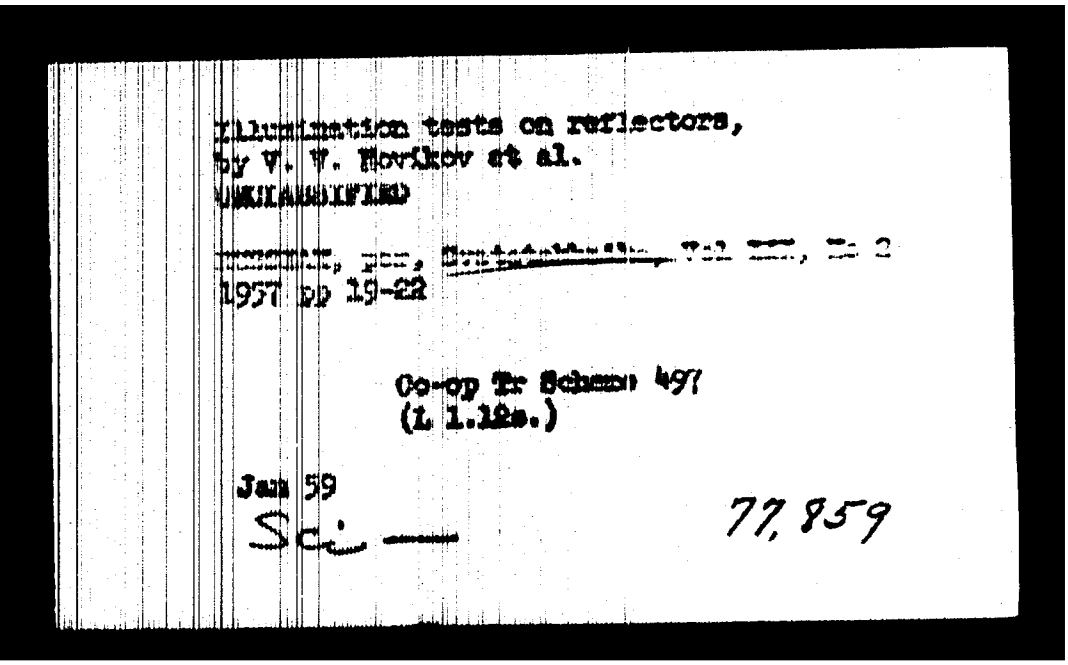

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

Limitation of the Dazzling Effect in Lighting Installations With Luminescent Lamps, by V. V. Meshkov, M. S. Ryabov, 10 pp. UNCLASSIFIED

RUSSIAN, [illegible], Svetotekhnika, Vol III, No 2, 1957, pp 24-26.

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Tr 57/4185

Sci - Phys
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

The Production of Light Sources During the Sixth Five-Year Plan, by N. N. Rumyantsev, (Rpt On USSR Prod of Indus Equip, 39).

RUSSIAN, mo per, Svetotekhnika, No 3, May 1957, pp 1-3.

CIA/FDD Sum 1485

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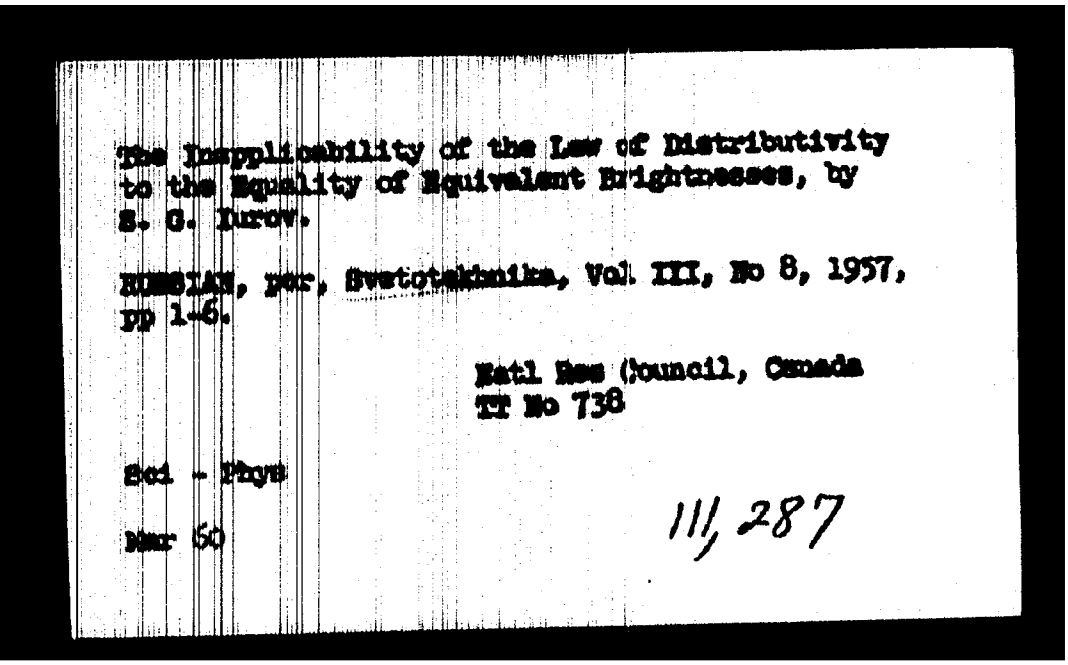
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5



The Inapplicability of the Law of Distributivity to the Equality of Equivalent Brightnesses, by S. G. Durov.

RUSSIAN, per, Svetotekhnika, Vol. III, No 8, 1957, pp 1-6.

Natl Res Council, Canada
TT No 738

Sci - Phys

Mar 60

111, 287

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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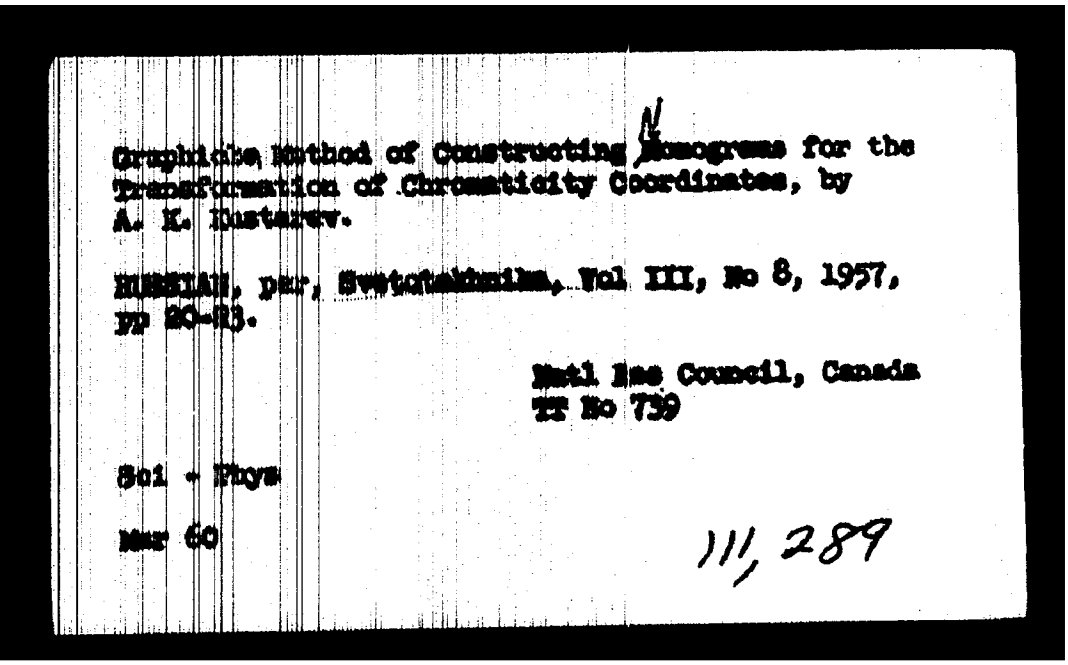

Graphical Method of Constructing Nomograms for the Transformation of Chromaticity Coordinates, by A. K. Kustarev.

KHIMIA, per, Sverdlovskaya, Vol III, No 8, 1957, pp 20-23.

Natl Res Council, Canada
TT No 739

Sci - Phys

Mar 60

111, 289

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

Chromatic and Achromatic Thresholds of Point Sources of Light Under Field Conditions, by A. A. Butylov, G. D. Martemova.

[illegible], per, Svetotekhnika, Vol III, No 8, 1957, pp 25-27.

Natl Res Council, Canada
TT No 740

Bel - Phys

Mar 60

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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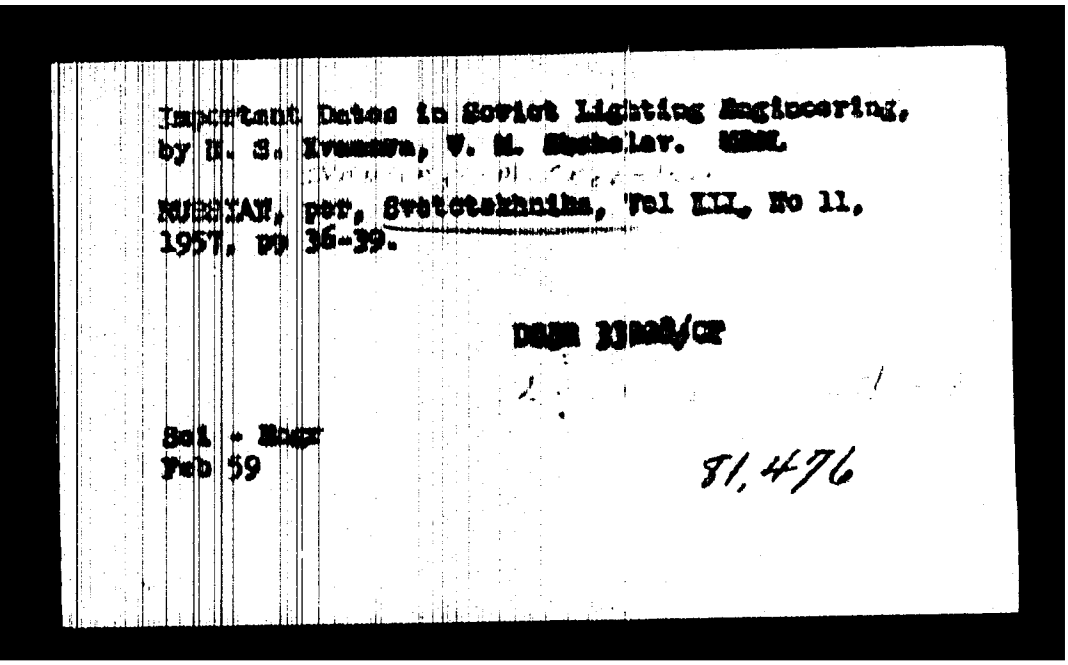

Important Dates in Soviet Lighting Engineering,
by B. S. Ivanovo, V. M. Mashelev. [illegible]

RUSSIAN, per, Svetotekhnika, Vol XIII, No 11,
1957, pp 36-39.

[illegible]

Sal - Khar
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

Inertial and Light Characteristics of Cadmium Sulfide Photoresistors, by A. A. Butylev, 1 pp.

RUSSIAN, par, Svetotekhnika, No 12, 1957, pp 7-8.

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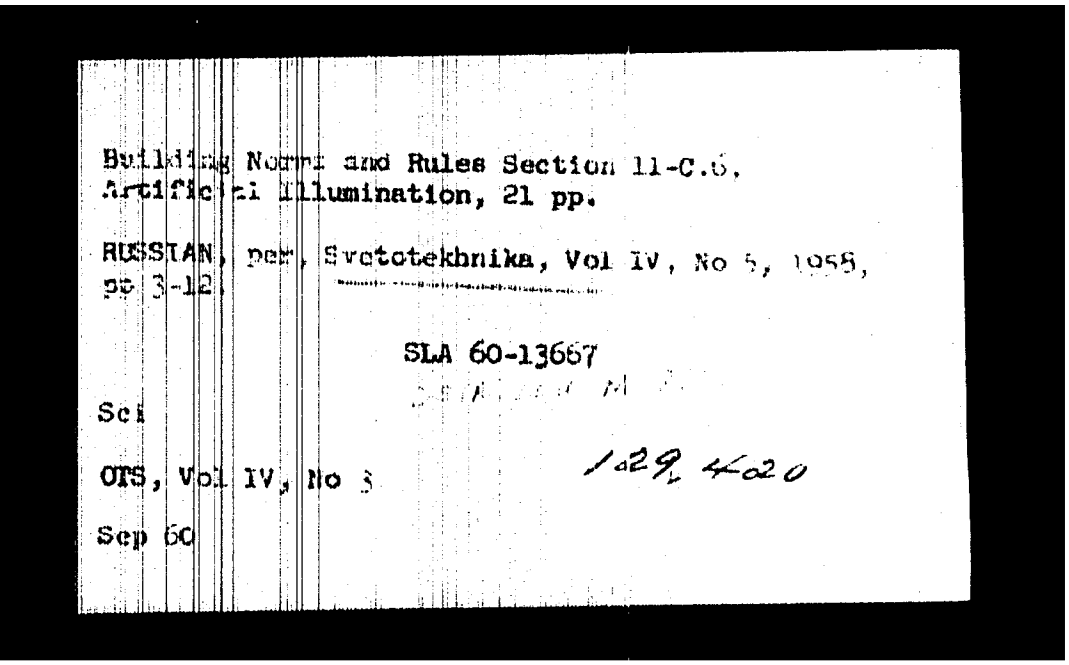
APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5



Building Norms and Rules Section II-C.6,
Artificial Illumination, 21 pp.

RUSSIAN, per, Svetotekhnika, Vol IV, No 5, 1958,
pp 3-12

SLA 60-13667

Sci

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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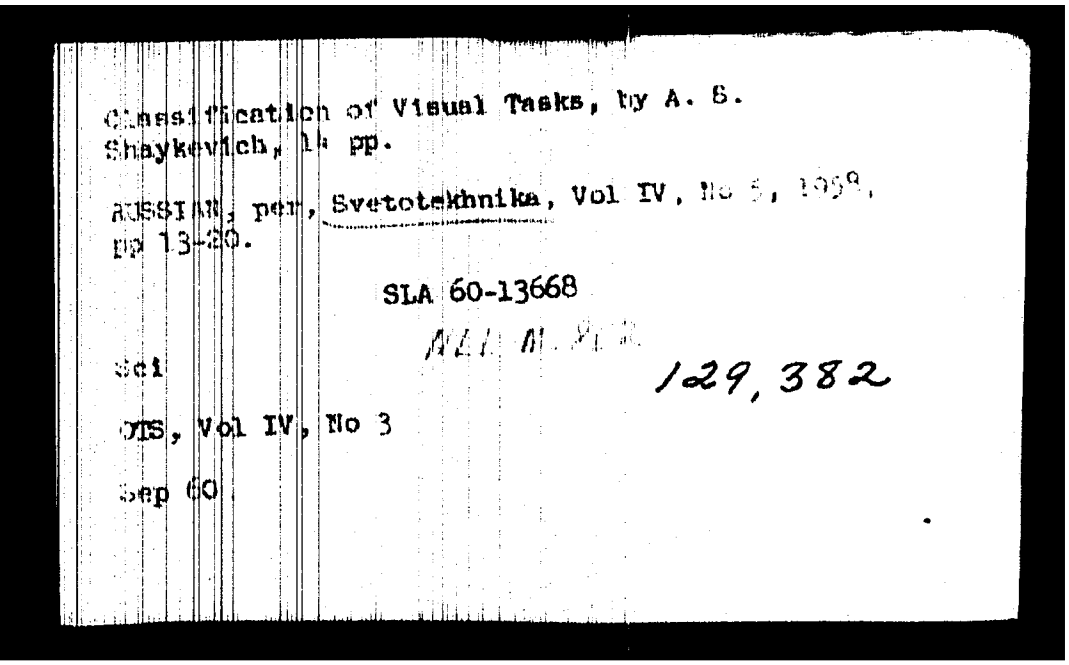

Classification of Visual Tasks, by A. S. Shaykevich, 14 pp.

RUSSIAN, per, Svetotekhnika, Vol IV, No 5, 1959, pp 13-20.

SLA 60-13668

Sci

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

The Use of Ultraviolet Radiation for Neutralizing Static Electricity Charges, by V. M. Orlov, A. E. Berkut. UNCL

RUSSIAN, per, Svetotekhnika, Vol IV, No 7, 1958, pp 26, 27.

DSIR LLU NSB 1125

5s. 0d.

Bol - Electricity
Aug 59

94, 830

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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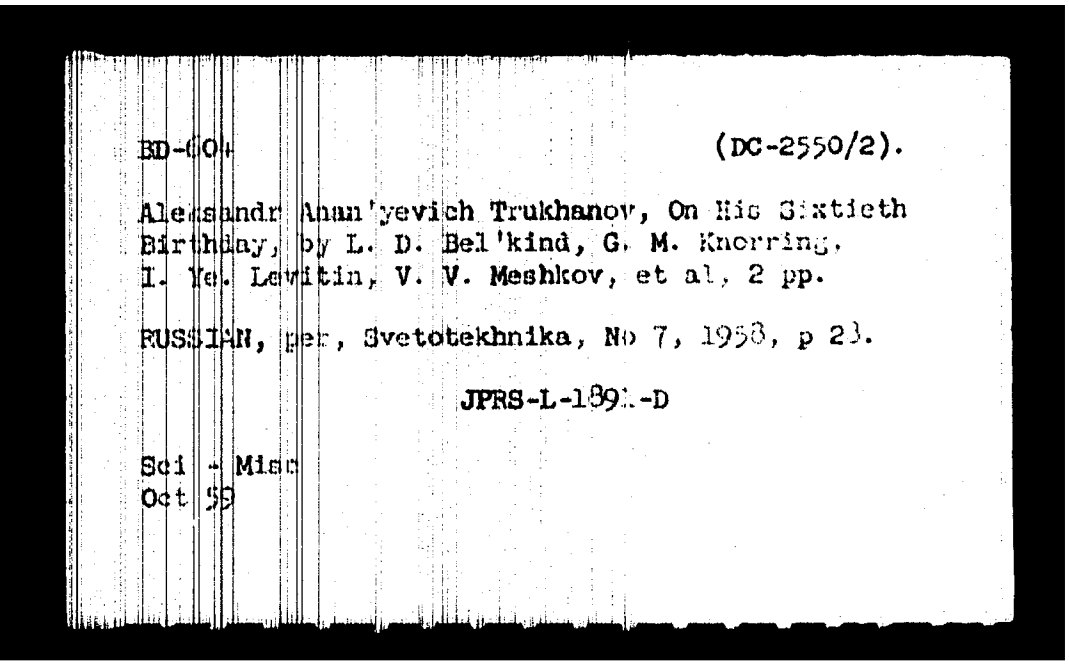

BD-[illegible] (DC-2550/2).

Aleksandr Ahan'yevich Trukhanov, On His Sixtieth Birthday, by L. D. Bel'kind, G. M. Knorring, I. Ye. Levitin, V. V. Meshkov, et al, 2 pp.

RUSSIAN, per, Svetotekhnika, No 7, 1958, p 23.

JPRS-L-1891-D

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

Measurement of Visibility by the Polarization Method of L. L. Dashkevich, by T. A. Glagoleva, A. F. Trusova, 12 pp.

RUSSIAN, per, Svetotekhnika, Vol IV, No 8, 1958, pp 1-5.

SLA 59-22560

NLL M.512

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Sep 60

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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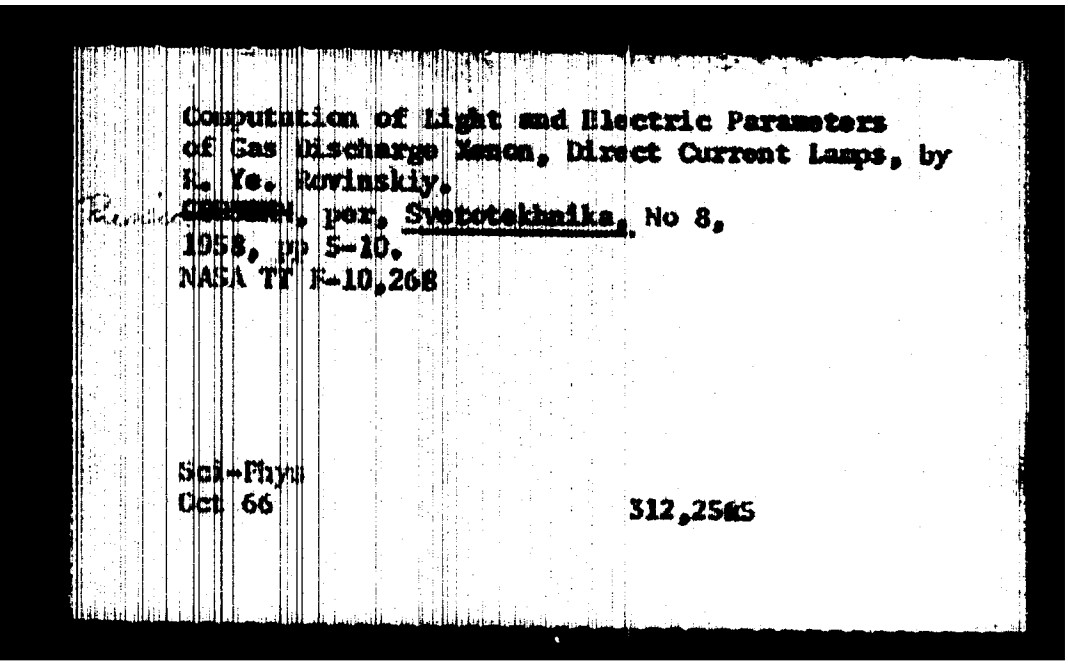

Computation of Light and Electric Parameters of Gas Discharge Xenon, Direct Current Lamps, by K. Ye. Rovinskiy.
[illegible], per. Svetotekhnika, No 8, 1958, pp 5-10.
NASA TT F-10,268

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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The Effective Luminous Intensity and Conspicuity of Flashing Lights, by R. L. Fol'b. UNCL

RUSSIAN, per. Svetotekhnika, No 12, 1958, pp 11-16.

DSIR LIU RTS 1232

(15s. Od.)

Sci - Electronics
Nov 59

100,780

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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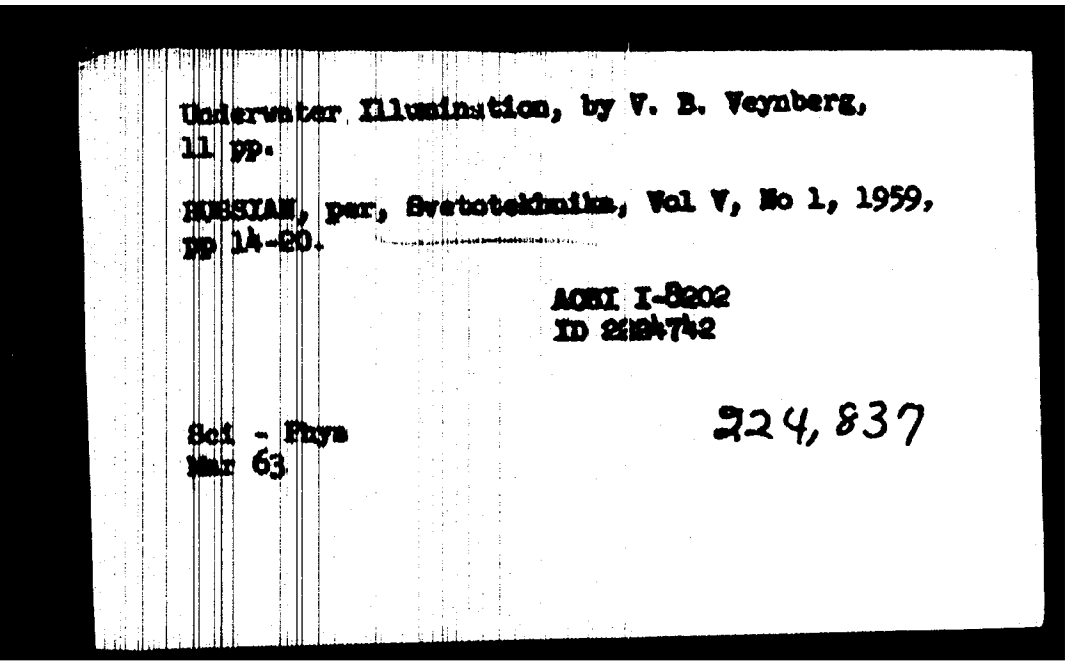

Underwater Illumination, by V. B. Veynberg,
11 pp.

RUSSIAN, per, Svetotekhnika, Vol V, No 1, 1959,
pp 14-20.

AGRI I-8202
ID 2624742

224,837

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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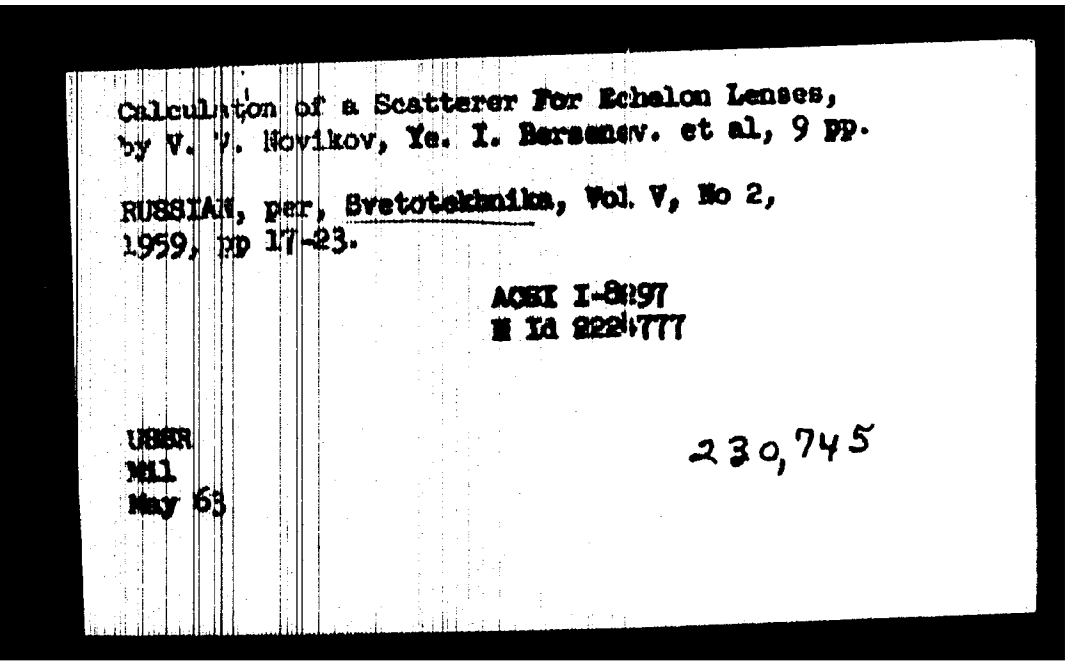

Calculation of a Scatterer For Echelon Lenses,
by V. V. Novikov, Ye. I. Berezanev. et al, 9 pp.

RUSSIAN, per, Svetotekhnika, Vol. V, No 2,
1959, pp 17-23.

ACSI I-8197
M IA 222-777

USSR
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May 63

230,745

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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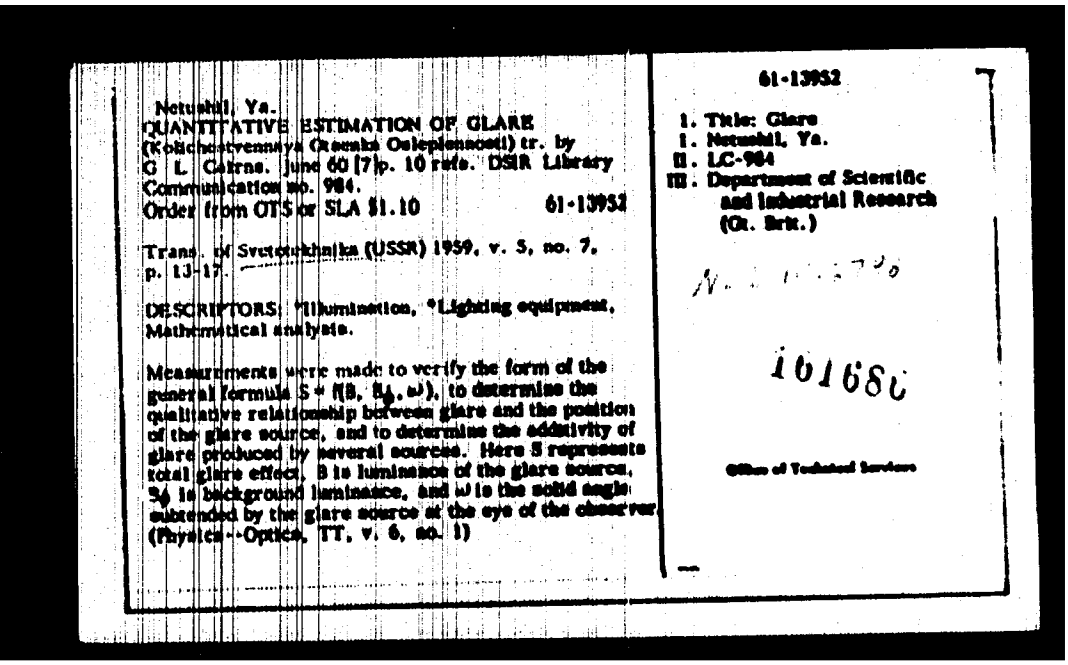

Netushil, Ya.
QUANTITATIVE ESTIMATION OF GLARE
(Kolichestvennaya Otsenka Oslepleniya) tr. by G. L. Cairns. June 60 [7]p. 10 refs. DSIR Library Communication no. 984.
Order from OTS or SLA $1.10 61-13952

Trans. of Svetotekhnika (USSR) 1959, v. 5, no. 7, p. 13-17.

DESCRIPTORS: *Illumination, *Lighting equipment, Mathematical analysis.

Measurements were made to verify the form of the general formula $S = f(B, B_b, \omega)$, to determine the qualitative relationship between glare and the position of the glare source, and to determine the additivity of glare produced by several sources. Here S represents total glare effect, B is luminance of the glare source, B_b is background luminance, and ω is the solid angle subtended by the glare source at the eye of the observer. (Physics--Optics, TT, v. 6, no. 1)

61-13952

1. Title: Glare
I. Netushil, Ya.
II. LC-984
III. Department of Scientific and Industrial Research (Gt. Brit.)

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Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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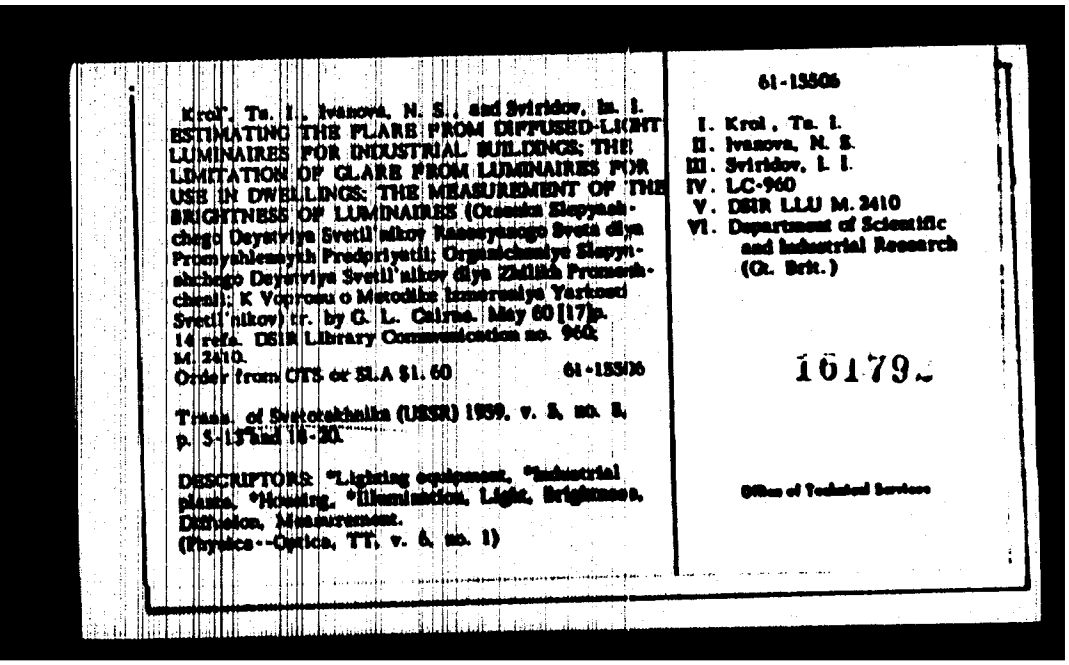

Krol', Ts. I., Ivanova, N. S., and Sviridov, L. I.
ESTIMATING THE FLARE FROM DIFFUSED-LIGHT LUMINAIRES FOR INDUSTRIAL BUILDINGS; THE LIMITATION OF GLARE FROM LUMINAIRES FOR USE IN DWELLINGS; THE MEASUREMENT OF THE BRIGHTNESS OF LUMINAIRES (Otsenka Slepyashchego Deystviya Svetil'nikov Rasseyannogo Sveta dlya Promyshlennykh Predpriyatiy; Ogranicheniye Slepyashchego Deystviya Svetil'nikov dlya Zhilykh Pomeshcheniy; K Voprosu o Metodike Izmereniya Yarkosti Svetil'nikov) tr. by G. L. Cairns. May 60 [17]p. 14 refs. DSIR Library Communication no. 960; M. 2410.
Order from: CTS or H.M.S.O. $1.60 61-15506

Trans. of Sveteteknika (USSR) 1959, v. 5, no. 5, p. 5-13 and 18-20.

DESCRIPTORS: *Lighting equipment, *Industrial plants, *Housing, *Illumination, Light, Brightness, Diffusion, Measurement.
(Physics--Optics, TT, v. 5, no. 1)

61-15506

I. Krol', Ts. I.
II. Ivanova, N. S.
III. Sviridov, L. I.
IV. LC-960
V. DSIR LLU M. 2410
VI. Department of Scientific and Industrial Research (Gt. Brit.)

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Office of Technical Services

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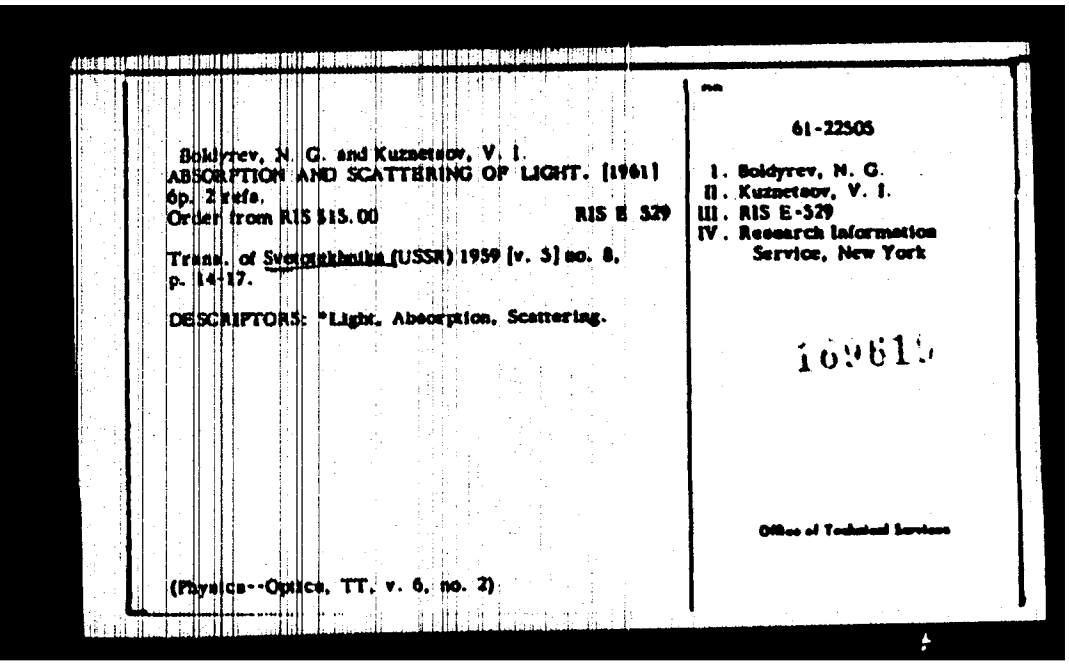

Boldyrev, N. G. and Kuznetsov, V. I.
ABSORPTION AND SCATTERING OF LIGHT. [1961]
6p. 2 refs.
Order from RIS $15.00 RIS E 529

Trans. of Svetotekhnika (USSR) 1959 [v. 5] no. 8, p. 14-17.

DESCRIPTORS: *Light, Absorption, Scattering.

(Physics--Optics, TT, v. 6, no. 2)

61-22505

I. Boldyrev, N. G.
II. Kuznetsov, V. I.
III. RIS E-529
IV. Research Information Service, New York

16961

Office of Technical Services

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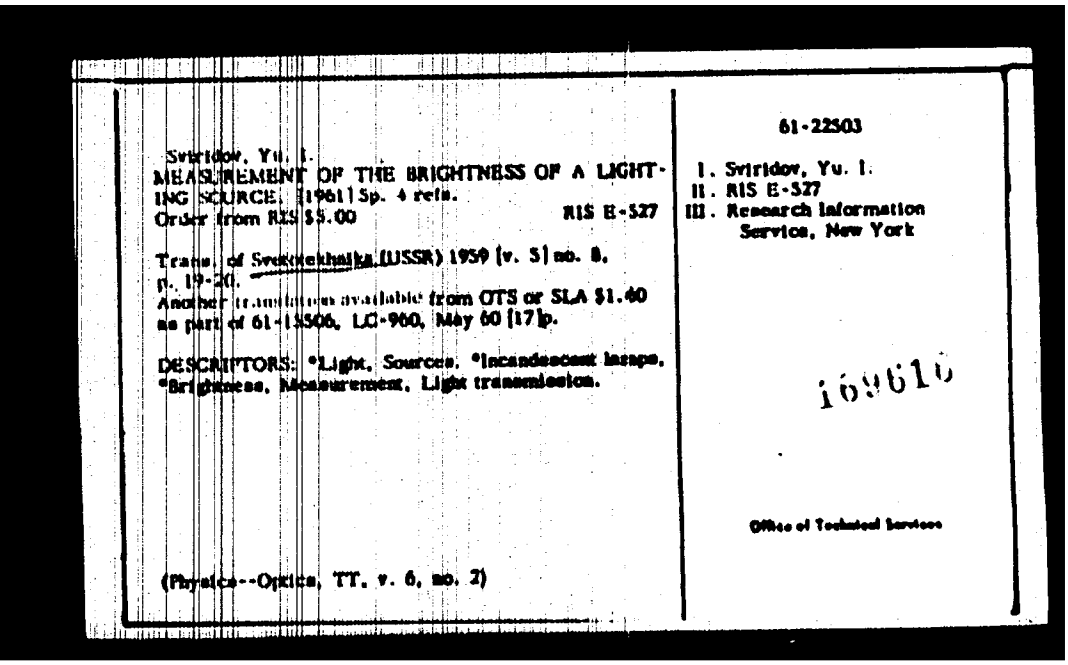

Sviridov, Yu. I.
MEASUREMENT OF THE BRIGHTNESS OF A LIGHTING SOURCE. [1961] Sp. 4 refs.
Order from RIS $5.00 RIS E-527

Trans. of Svetotekhnika (USSR) 1959 (v. 5) no. 8, pp. 19-20.
Another translation available from OTS or SLA $1.60 as part of 61-18506, LC-960, May 60 [17]p.

DESCRIPTORS: *Light, Sources. *Incandescent lamps. *Brightness, Measurement. Light transmission.

(Physics--Optics, TT. v. 6, no. 2)

61-22503

I. Sviridov, Yu. I.
II. RIS E-527
III. Research Information Service, New York

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Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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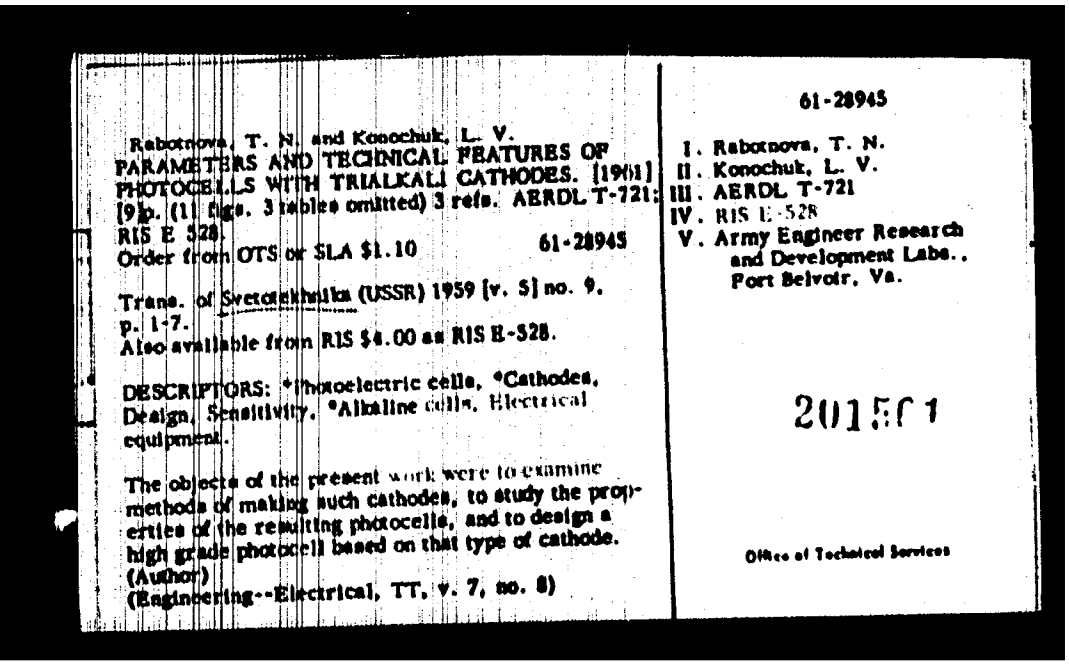

Rabotnova, T. N. and Konochuk, L. V.
PARAMETERS AND TECHNICAL FEATURES OF PHOTOCELLS WITH TRIALKALI CATHODES. [1961] [9]p. (1 figs. 3 tables omitted) 3 refs. AERDL T-721: RIS E 528.
Order from OTS or SLA $1.10 61-28945

Trans. of Svetotekhnika (USSR) 1959 [v. 5] no. 9. p. 1-7.
Also available from RIS $4.00 as RIS E-528.

DESCRIPTORS: *Photoelectric cells, *Cathodes, Design, Sensitivity, *Alkaline cells, Electrical equipment.

The objects of the present work were to examine methods of making such cathodes, to study the properties of the resulting photocells, and to design a high grade photocell based on that type of cathode. (Author)
(Engineering--Electrical, TT, v. 7, no. 8)

61-28945

I. Rabotnova, T. N.
II. Konochuk, L. V.
III. AERDL T-721
IV. RIS E-528
V. Army Engineer Research and Development Labs., Fort Belvoir, Va.

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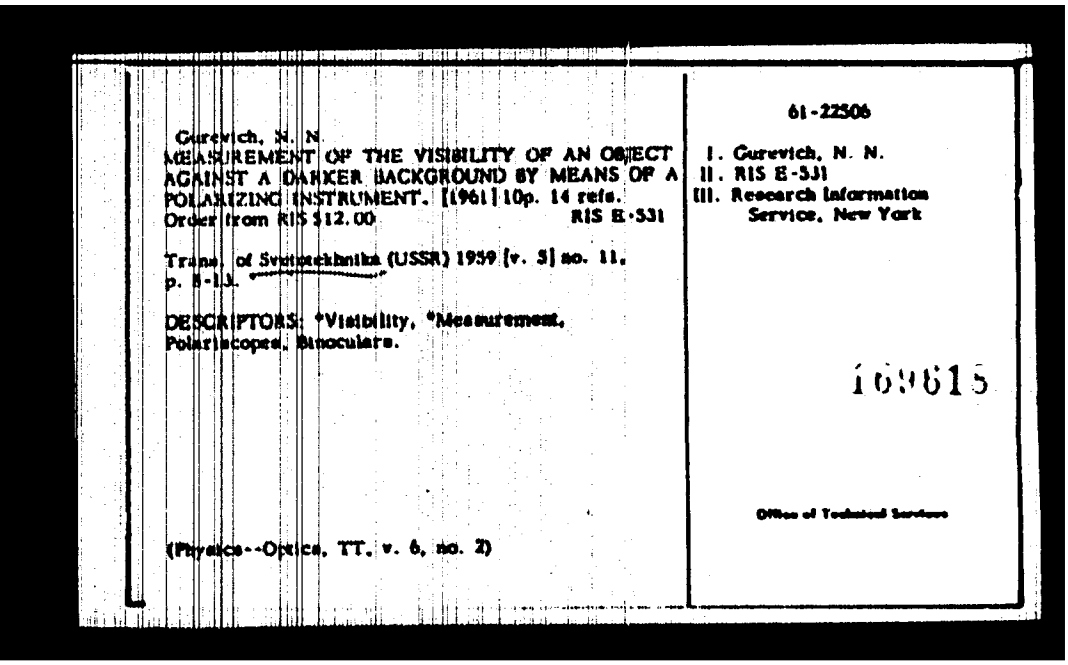

Gurevich, N. N.
MEASUREMENT OF THE VISIBILITY OF AN OBJECT AGAINST A DARKER BACKGROUND BY MEANS OF A POLARIZING INSTRUMENT. [1961] 10p. 14 refs.
Order from RIS $12.00 RIS E-531

Trans. of Svetotekhnika (USSR) 1959 [v. 5] no. 11, p. 8-13.

DESCRIPTORS: *Visibility, *Measurement, Polariscopes, Binoculars.

(Physics--Optics, TT, v. 6, no. 2)

61-22506

I. Gurevich, N. N.
II. RIS E-531
III. Research Information Service, New York

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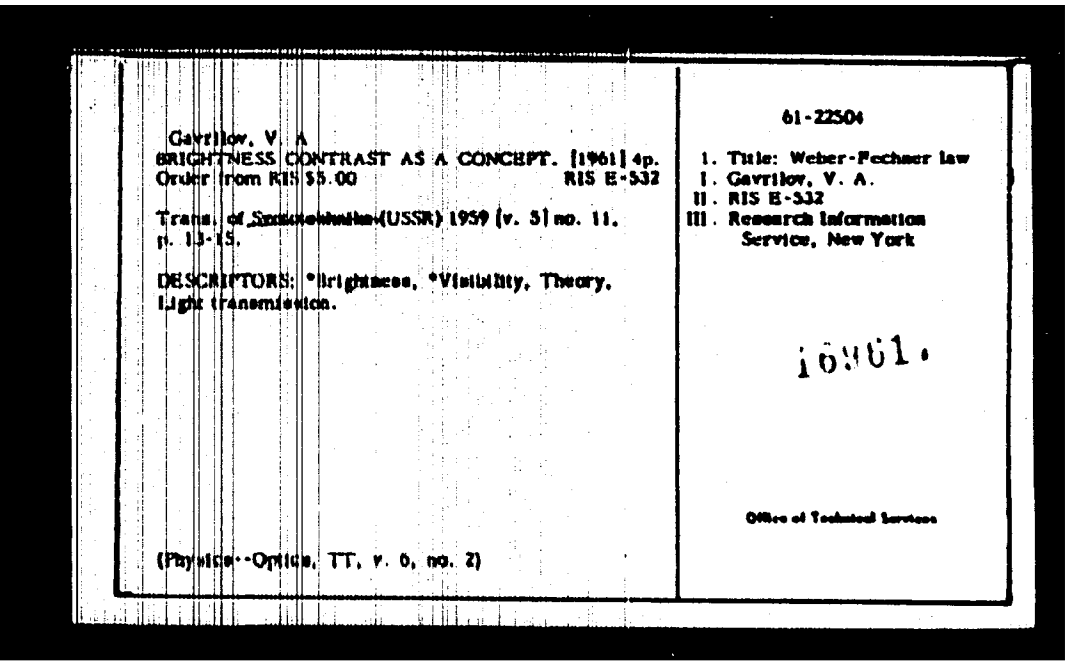

Gavrilov, V. A.
BRIGHTNESS CONTRAST AS A CONCEPT. [1961] 4p.
Order from RIS $5.00 RIS E-532

Trans. of Sovetskaia Nauka (USSR) 1959 (v. 5) no. 11.
p. 13-15.

DESCRIPTORS: *Brightness, *Visibility, Theory, Light transmission.

(Physics--Optics, TT, v. 6, no. 2)

61-22504

1. Title: Weber-Fechner law
I. Gavrilov, V. A.
II. RIS E-532
III. Research Information Service, New York

16961.

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

Electrode Disc Lamps - Carbon Arc Disk Lamps, by A. I. Bodretsova, S. I. Levikov, 7 pp.

RUSSIAN, per, Svetotekhnika, Vol V, No 11, 1959, pp 20-24.

ACSII I-8220
ID #224753

Sci - Phys
May 63

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

NY-2900/10 (?).

Miniature Incandescent Lamps for 110-230 Volt,

RUSSIAN, per, Svetotekhnika, No 3, 1960, p 32.

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26 Apr 60

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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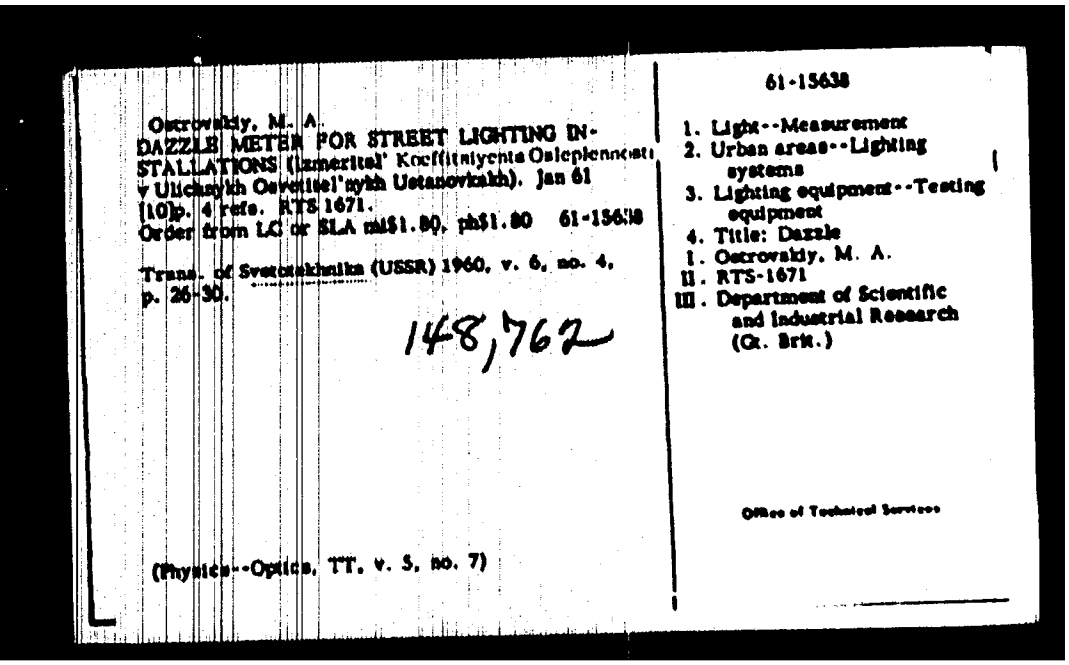

Ostrovskiy, M. A.
DAZZLE METER FOR STREET LIGHTING INSTALLATIONS (Izmeritel' Koeffitsiyenta Oslepleniosti v Ulichnykh Osvetitel'nykh Ustanovkakh). Jan 61
[10]p. 4 refs. RTS 1671.
Order from LC or SLA mi$1.80, ph$1.80 61-15638

Trans. of Svetotekhnika (USSR) 1960, v. 6, no. 4, p. 26-30.

148,762

(Physics--Optics, TT, v. 5, no. 7)

61-15638

1. Light--Measurement
2. Urban areas--Lighting systems
3. Lighting equipment--Testing equipment
4. Title: Dazzle
I. Ostrovskiy, M. A.
II. RTS-1671
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

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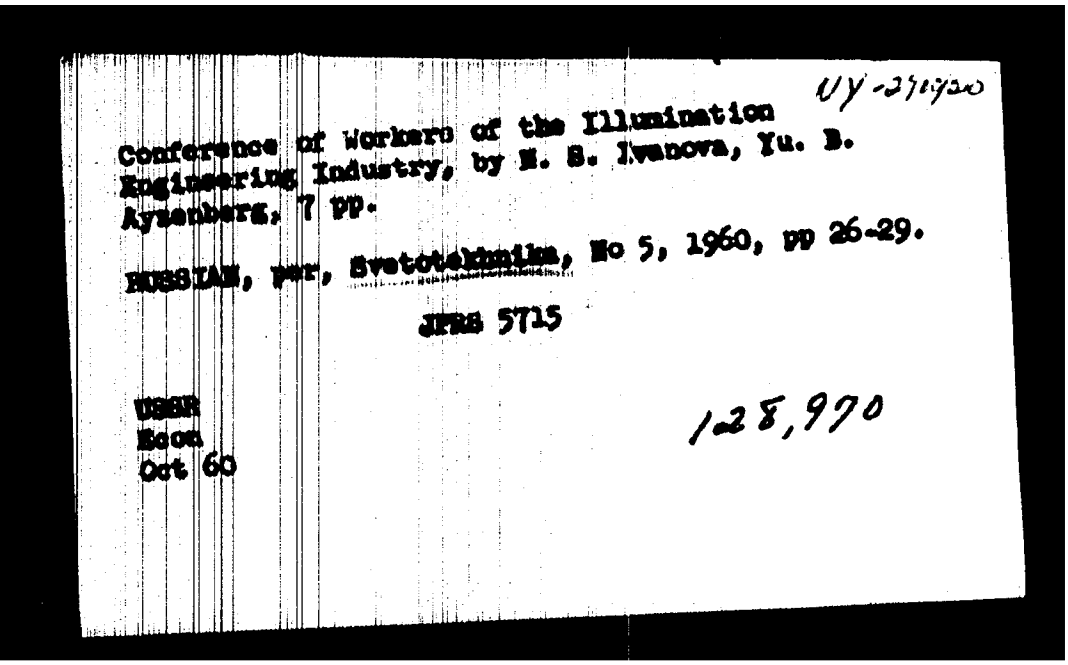

UY-2[illegible]

Conference of Workers of the Illumination Engineering Industry, by M. S. Ivanova, Yu. B. Aysenberg, 7 pp.

RUSSIAN, per, Svetotekhnika, No 5, 1960, pp 26-29.

JPRS 5715

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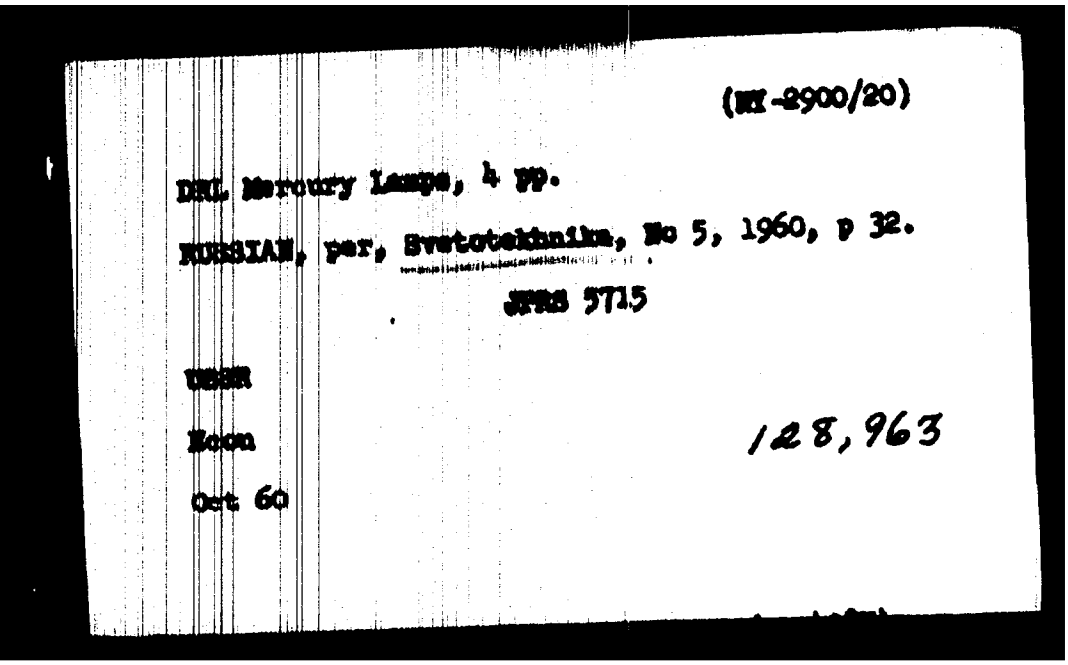
Oct 60

128,970

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5



(MX-2900/20)

DEL. Mercury Lamps, 4 pp.

RUSSIAN, per, Svetotekhnika, No 5, 1960, p 32.

JPRS 5715

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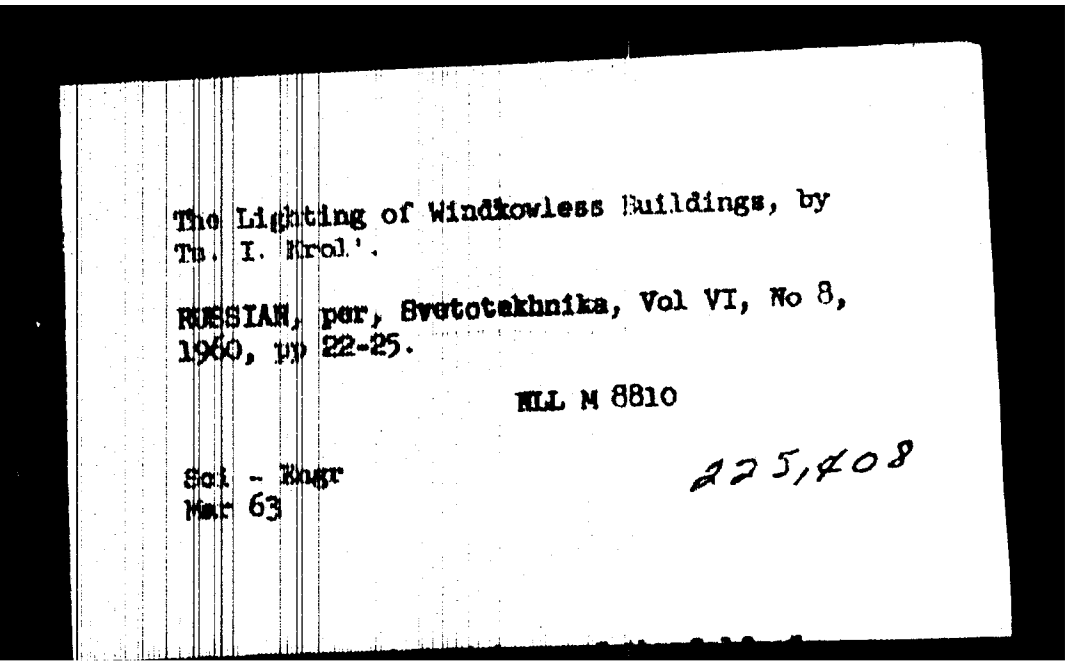

The Lighting of Windowless Buildings, by
Ts. I. Krol'.

RUSSIAN, per, Svetotekhnika, Vol VI, No 8,
1960, pp 22-25.

NLL M 8810

225,408

Sol - Engr
Mar 63

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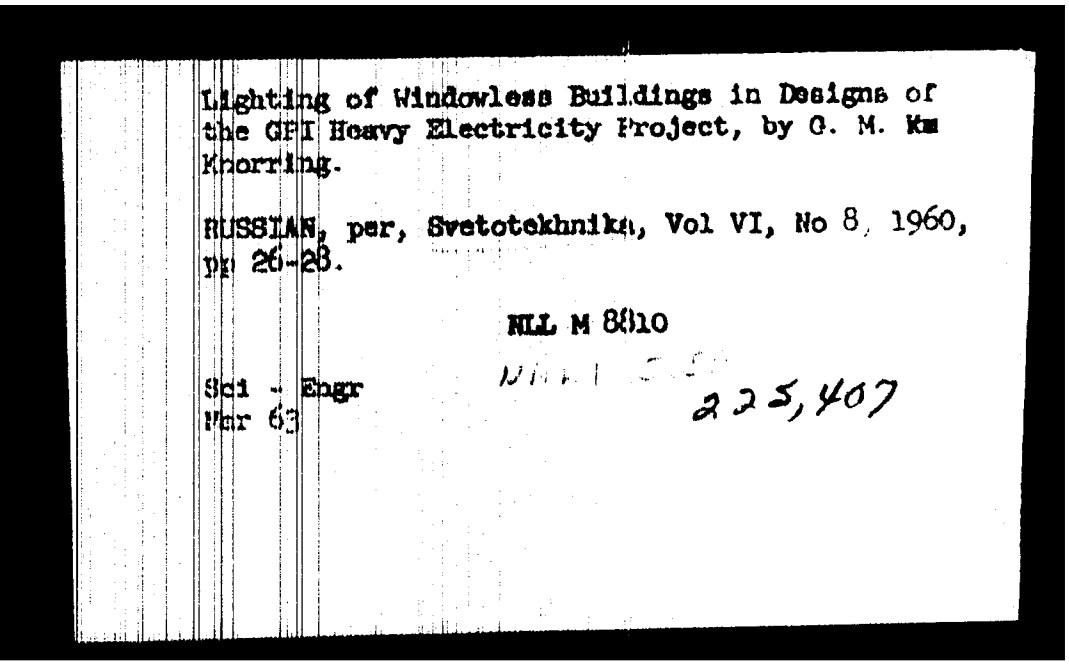

Lighting of Windowless Buildings in Designs of the GPI Heavy Electricity Project, by G. M. Ka Khorring.

RUSSIAN, per, Svetotekhnika, Vol VI, No 8, 1960, pp 26-28.

NLL M 8810

Sci - Engr
Mar 63

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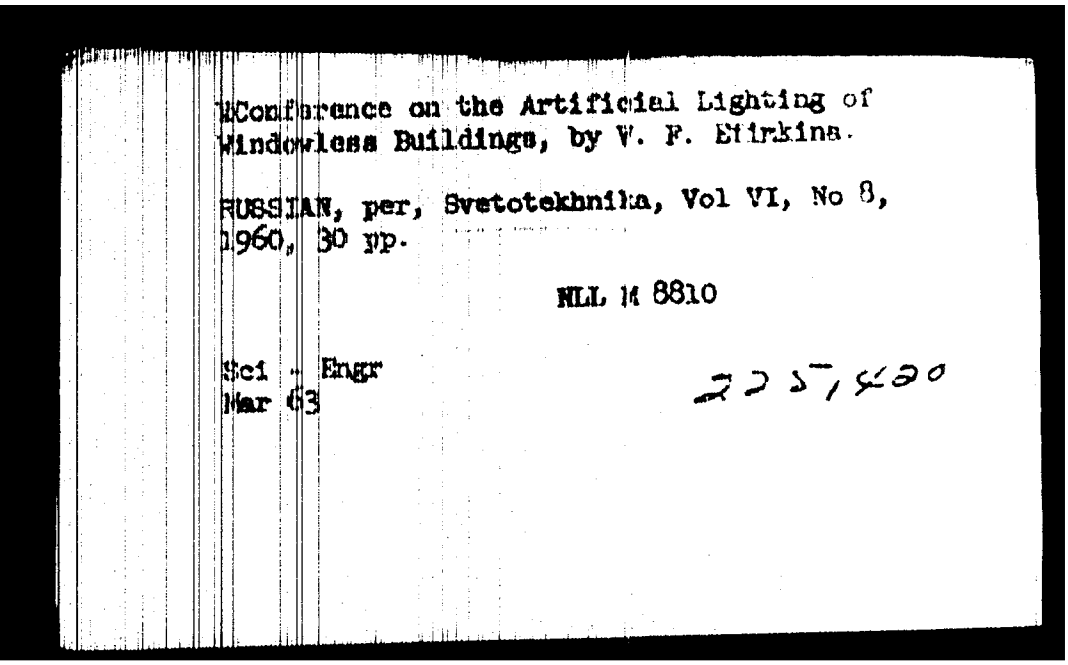

"Conference on the Artificial Lighting of Windowless Buildings, by V. F. Efirkina.

RUSSIAN, per, Svetotekhnika, Vol VI, No 8, 1960, 30 pp.

NLL M 8810

Sci - Engr
Mar 63

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(MY-2900/34

Electronic Photoflash Lamps, 4 pp.

RUSSIAN, per, Svetotekhnika, No 8, 1960, p 32.

JPRS 7856

Sci - Electron

Mar 61

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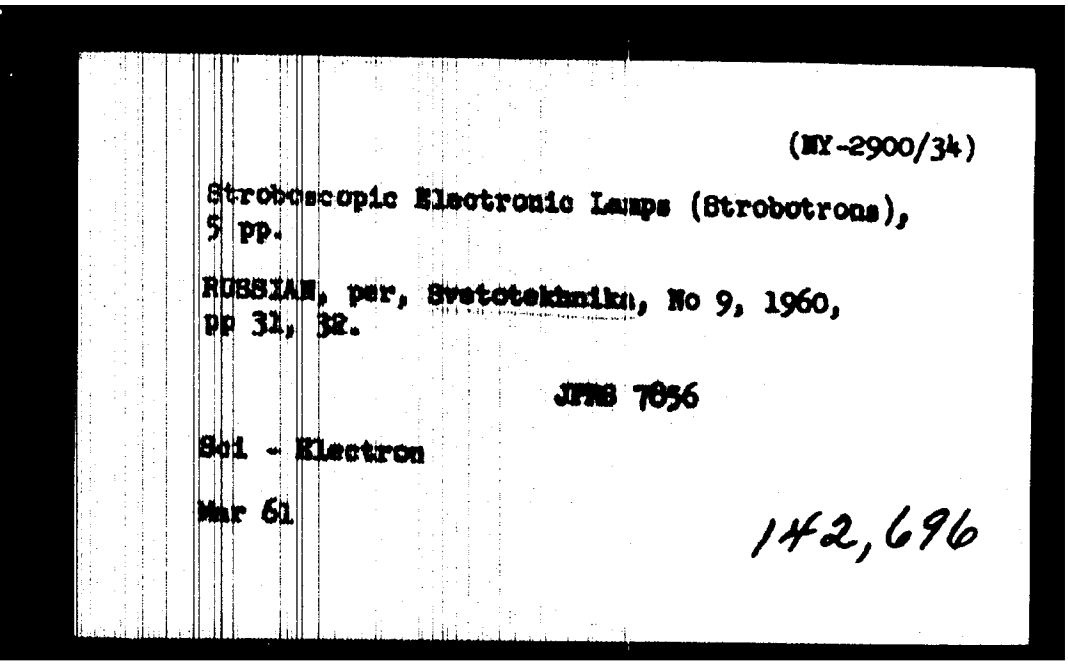

(MY-2900/34)

Stroboscopic Electronic Lamps (Strobotrons), 5 pp.

RUSSIAN, per, Svetotekhnika, No 9, 1960, pp 31, 32.

JPRS 7856

Sol - Electron

Mar 61

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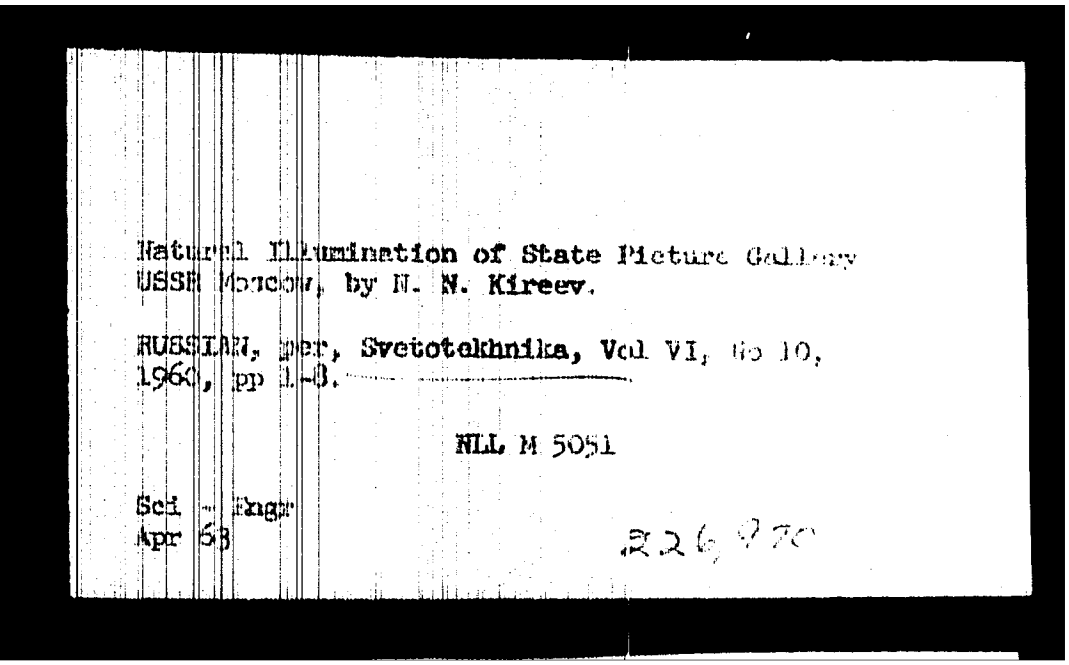

Natural Illumination of State Picture Gallery
USSR Moscow, by N. N. Kireev.

RUSSIAN, per, Svetotekhnika, Vol VI, No 10,
1960, pp 1-3.

NLL M 5051

Sci - Engr
Apr 63

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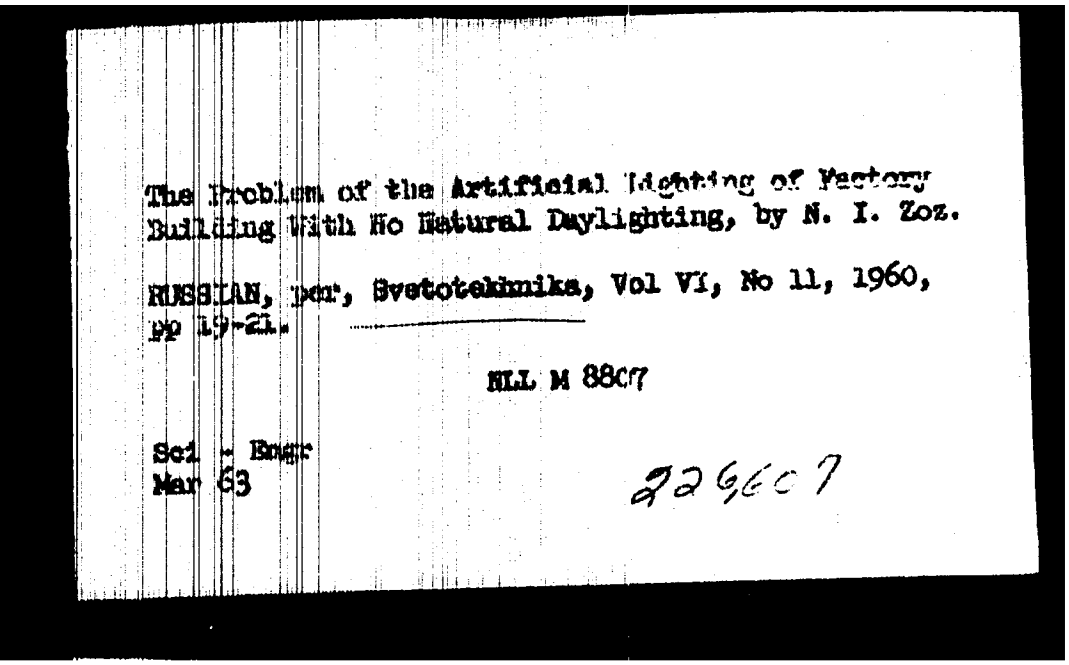

The Problem of the Artificial Lighting of Factory Building With No Natural Daylighting, by N. I. Zoz.

RUSSIAN, per, Svetotekhnika, Vol VI, No 11, 1960, pp 19-21.

MLL M 8807

Sci - Engr
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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

Measurements of the Coefficients of Spectral Brightness in Conditions Outside the Laboratory, by V. V. Kol'tsov.

RUSSIAN, per, Svetotekhnika, Vol VI, No 12, 1960, pp 8-12.

MLL M. 3615

Sci - Phys

Aug 62

207.381

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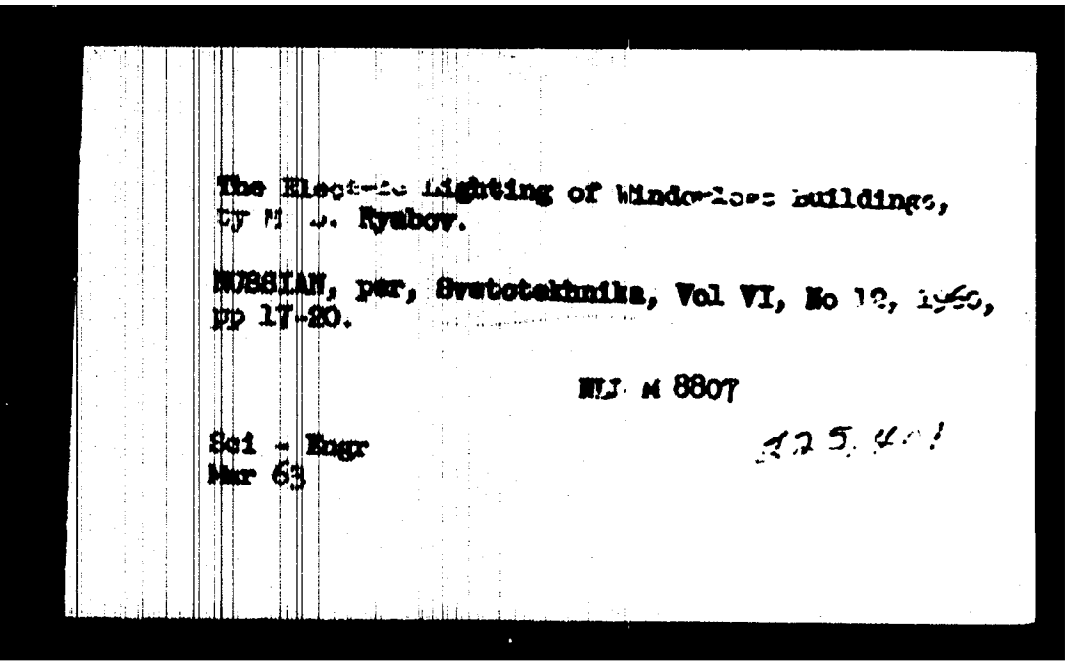

The Electric Lighting of Windowless Buildings,
by M. A. Ryabov.

RUSSIAN, per, Svetotekhnika, Vol VI, No 12, 1960,
pp 17-20.

MIT M 8807

Sci - Engr
Mar 63

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Color Bodies for Real Pigments (E-827), by A. B. Matoyev, 9 pp.

RUSSIAN, per, Svetotekhnika, No 1, 1961, pp 14-19.

CIA/FTD XX-1119
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Sci

Mar 62

185,947

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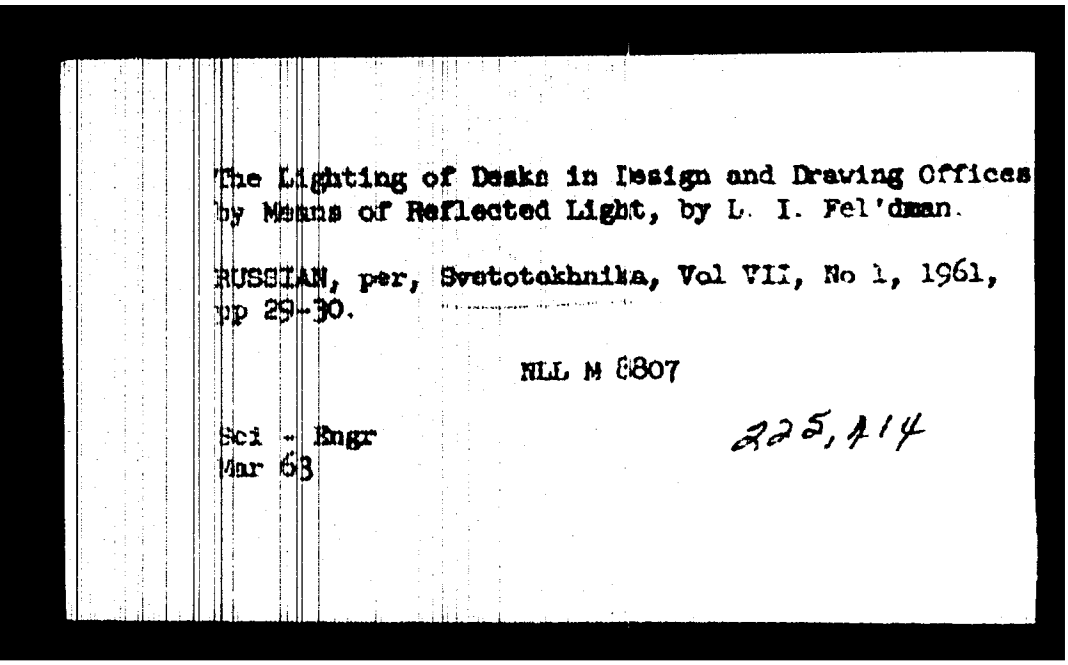

The Lighting of Desks in Design and Drawing Offices by Means of Reflected Light, by L. I. Fel'dman.

RUSSIAN, per, Svetotekhnika, Vol VII, No 1, 1961, pp 29-30.

NLL M 6807

225,414

Sci - Engr
Mar 63

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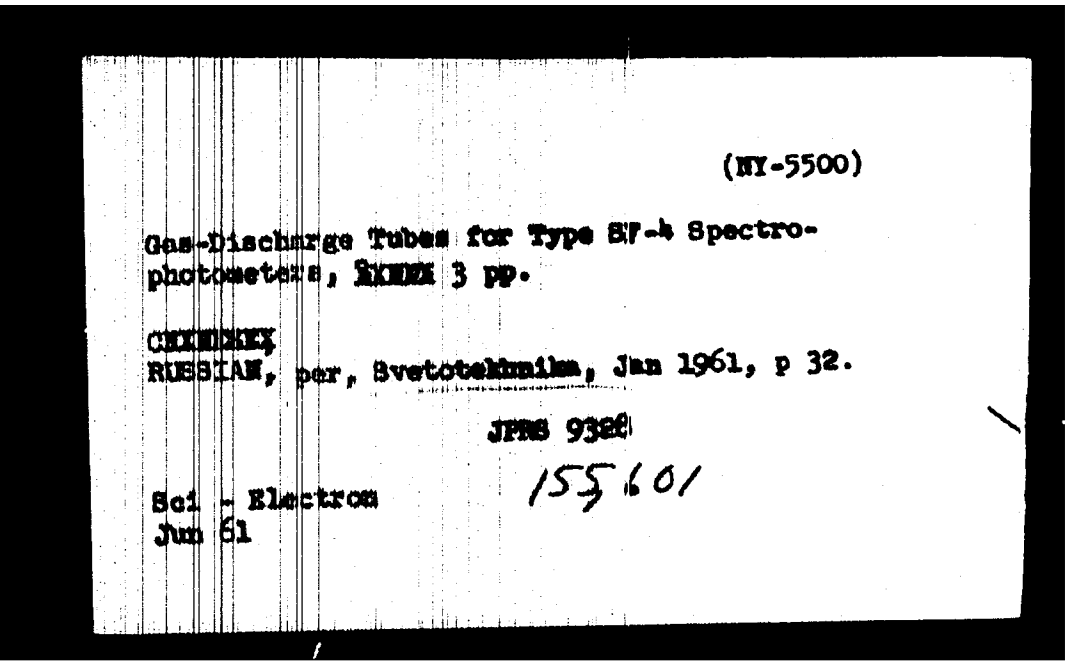

(NY-5500)

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photometers, [redacted] 3 pp.

[redacted]
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JPRS 9328

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Sci - Electron
Jun 61

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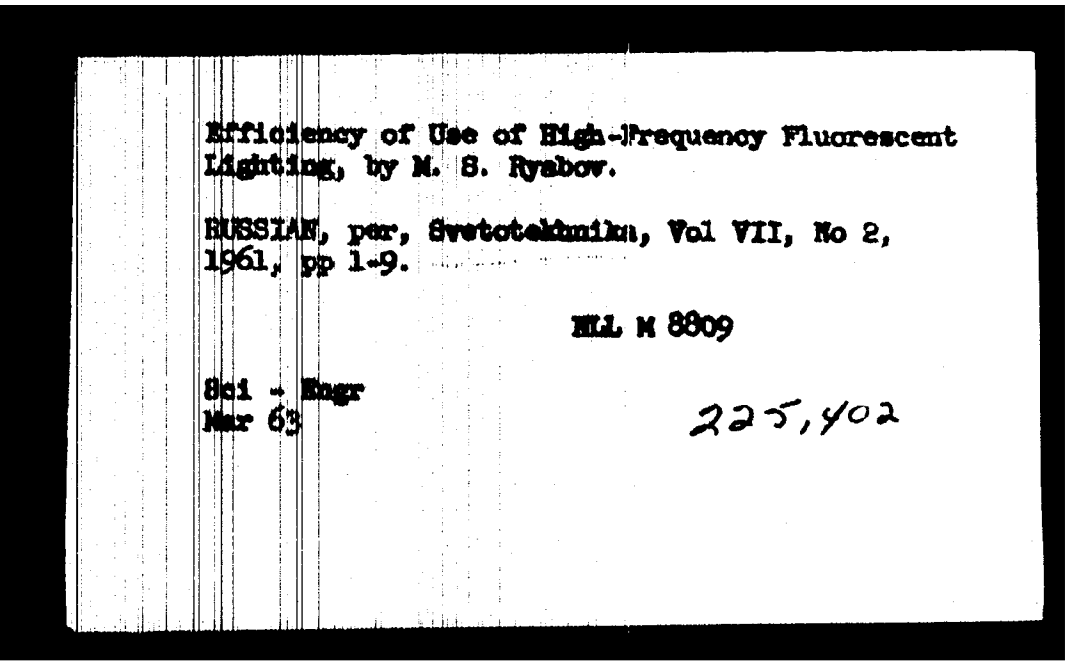

Efficiency of Use of High-Frequency Fluorescent Lighting, by M. S. Ryabov.

RUSSIAN, per, Svetotekhnika, Vol VII, No 2, 1961, pp 1-9.

MiL M 8809

Sci - Engr
Mar 63

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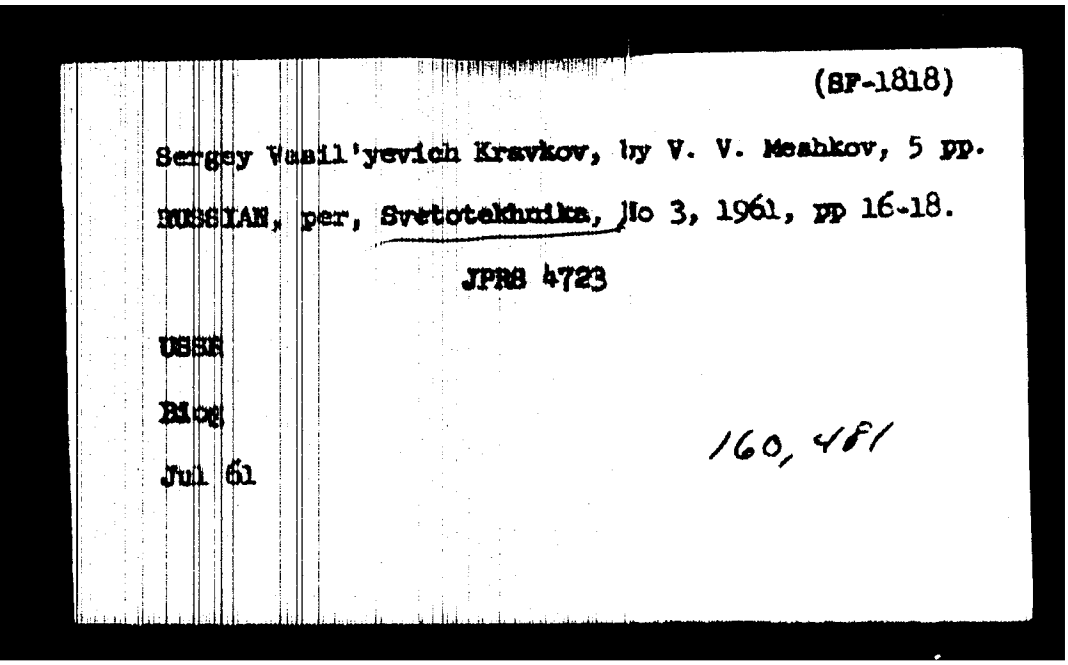

(SF-1818)

Sergey Vasil'yevich Kravkov, by V. V. Meshkov, 5 pp.

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JPRS 4723

USSR

Elec

Jul 61

160, 481

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(HY-3000)

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JPRS 10033

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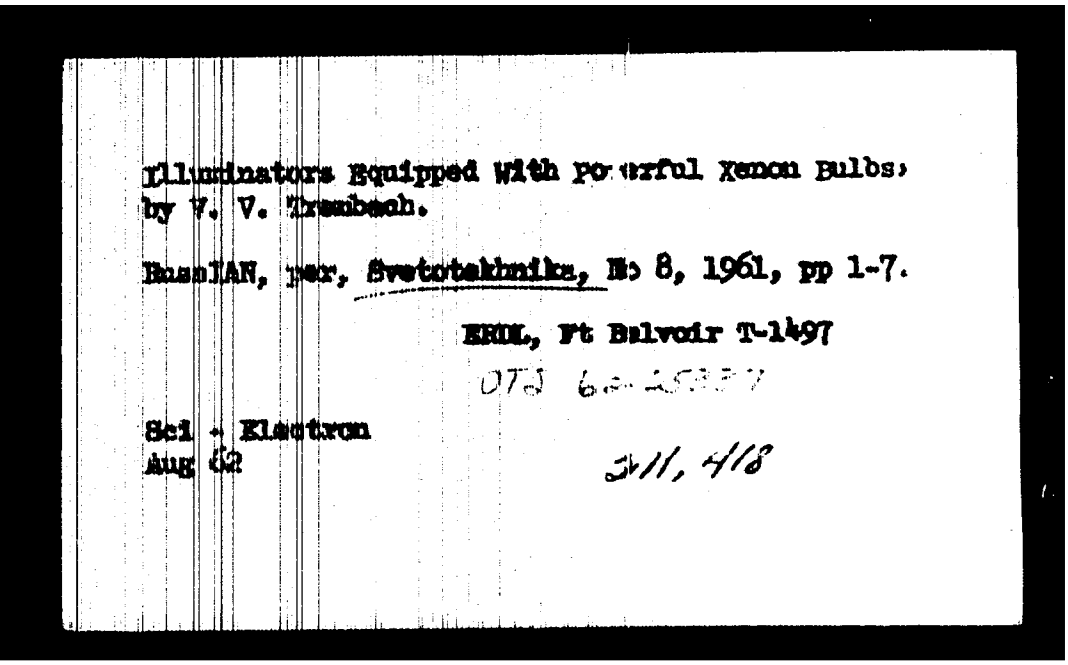

Illuminators Equipped With Powerful Xenon Bulbs,
by V. V. Trembach.

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ERDL, Ft Belvoir T-1497

OTS 62-25327

Sci - Electron
Aug 62

511, 418

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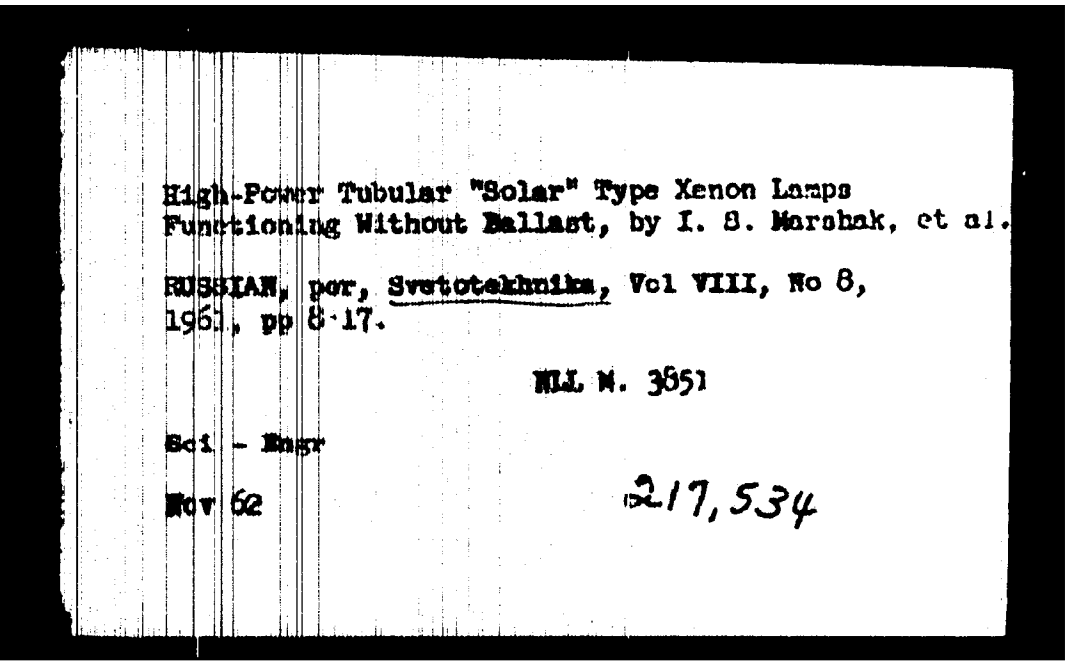

High-Power Tubular "Solar" Type Xenon Lamps Functioning Without Ballast, by I. S. Marshak, et al.

RUSSIAN, por, Svetotekhnika, Vol VIII, No 8, 1961, pp 8-17.

NLL N. 3851

Sci - Engr

Nov 62

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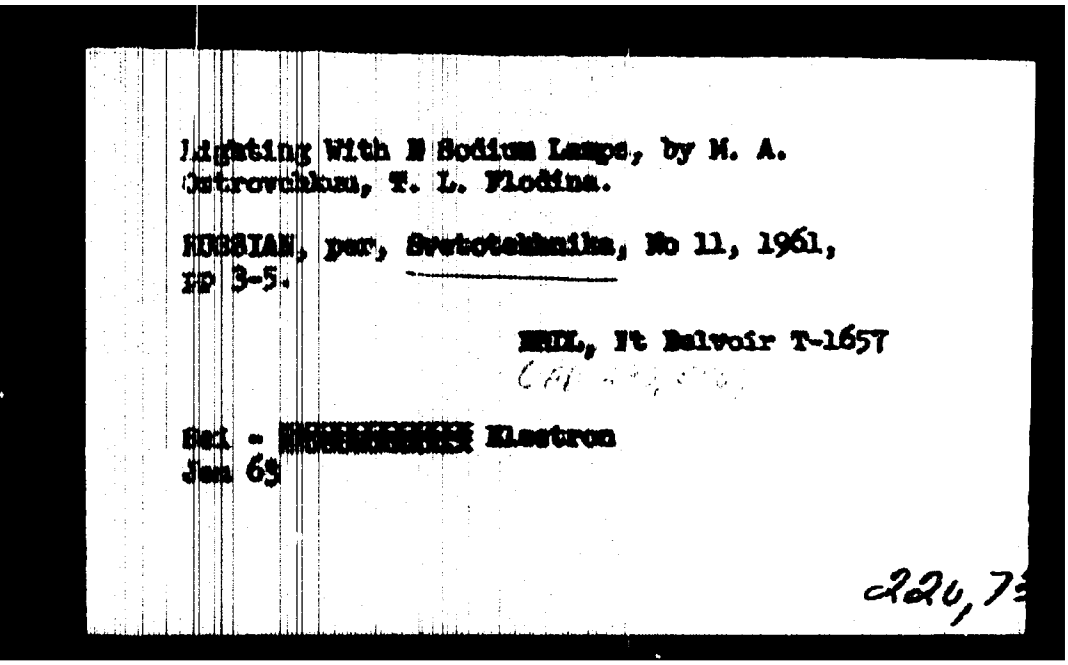

Lighting With M Sodium Lamps, by M. A. Petrovichkaa, T. L. Plodina.

RUSSIAN, per, Svetotekhnika, No 11, 1961, pp 3-5.

NRDL, Ft Belvoir T-1657

Sel - [redacted] Klestron
Jan 65

220,7

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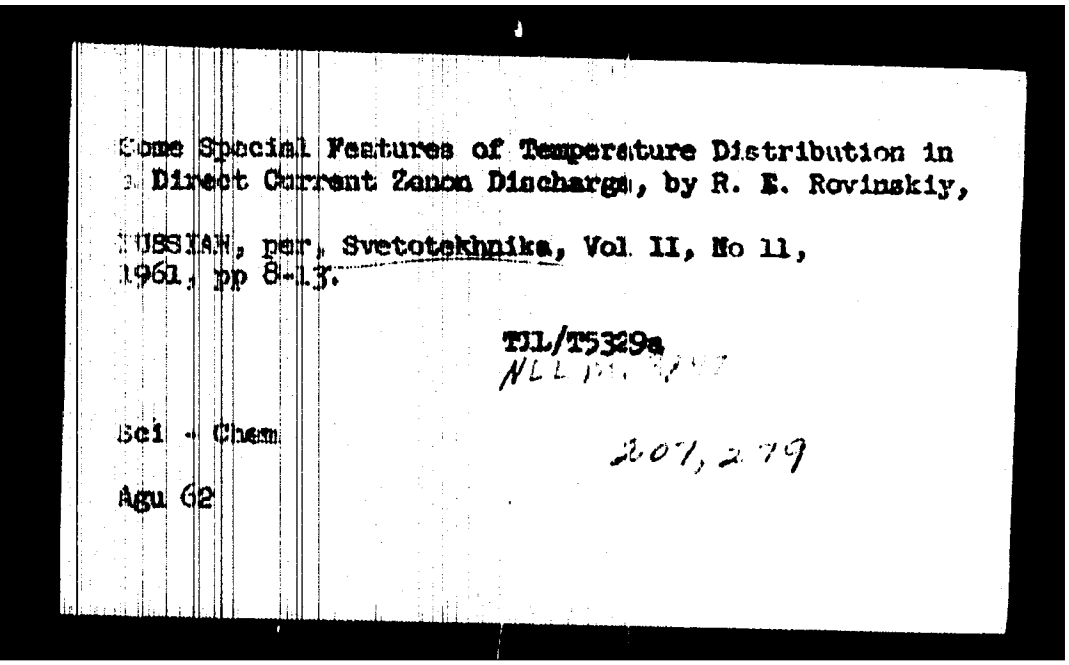

Some Special Features of Temperature Distribution in a Direct Current Xenon Discharge, by R. E. Rovinskiy,

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TIL/T5329a

Sci - Chem

Agu 62

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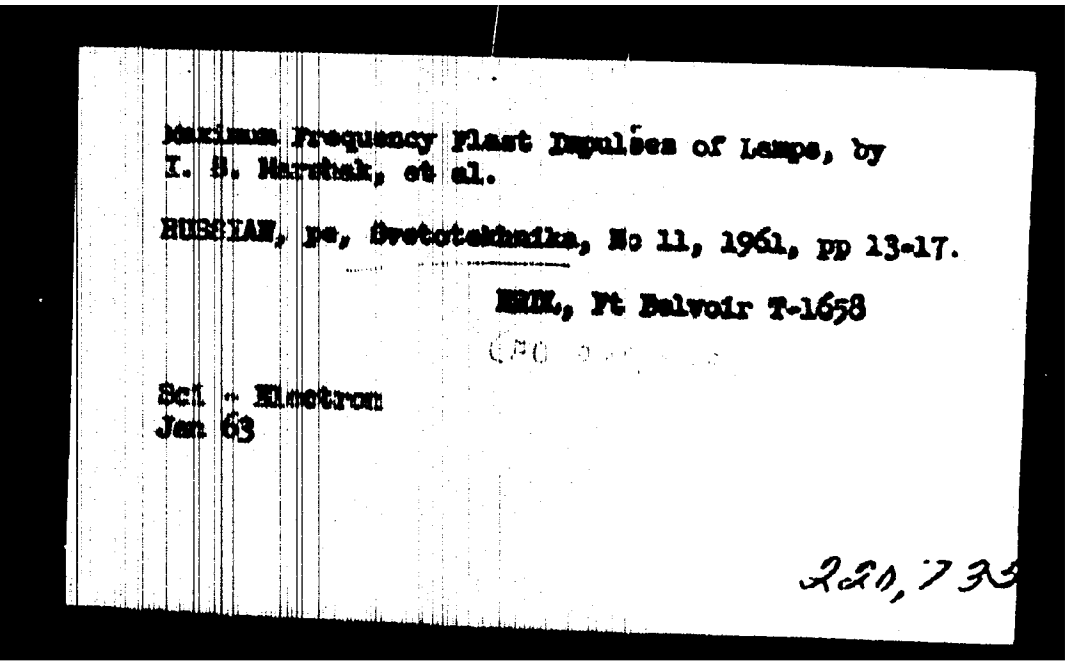

Maximum Frequency Plast Impulses of Lamps, by
I. S. Maresnik, et al.

RUSSIAN, pe, Svetotekhnika, No 11, 1961, pp 13-17.

MMK, Ft Belvoir T-1658

Sci - Electron
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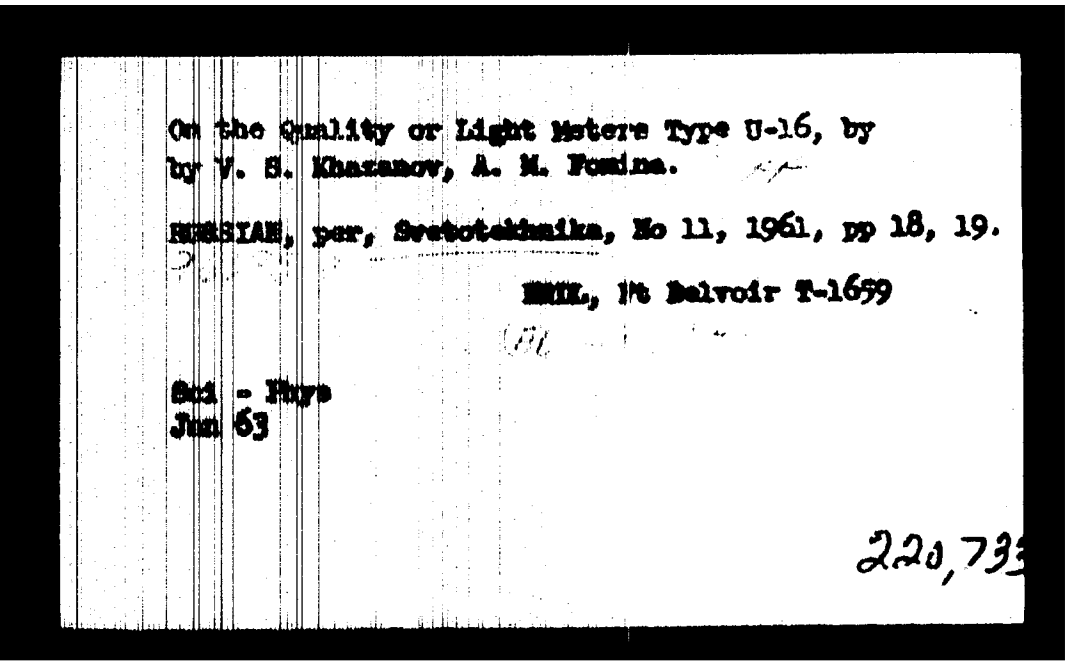

On the Quality of Light Meters Type U-16, by
by V. S. Khazanov, A. M. Fomina.

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[redacted], IM Belvoir T-1659

Opt - Phys
Jun 63

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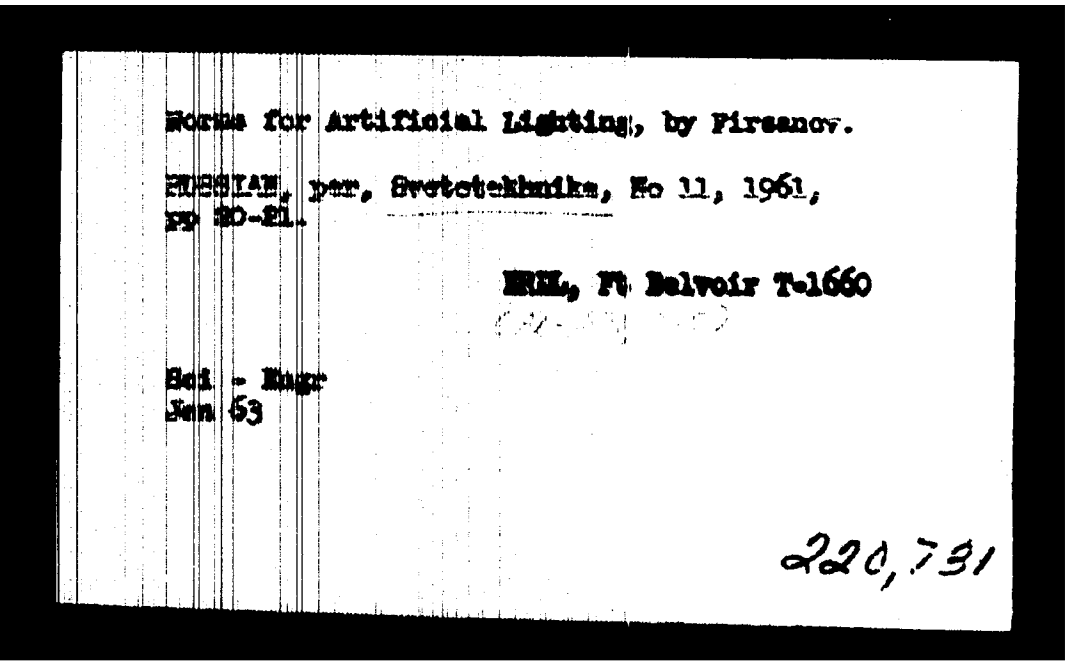

Norms for Artificial Lighting, by Firsanov.

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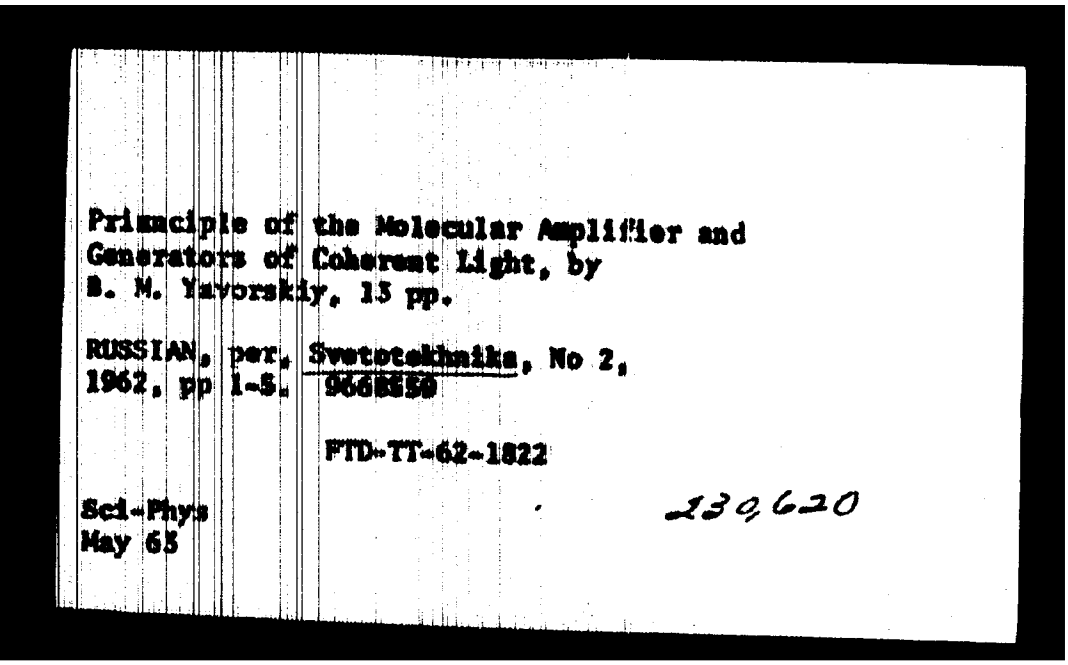

Principle of the Molecular Amplifier and Generators of Coherent Light, by B. M. Yavorskiy, 13 pp.

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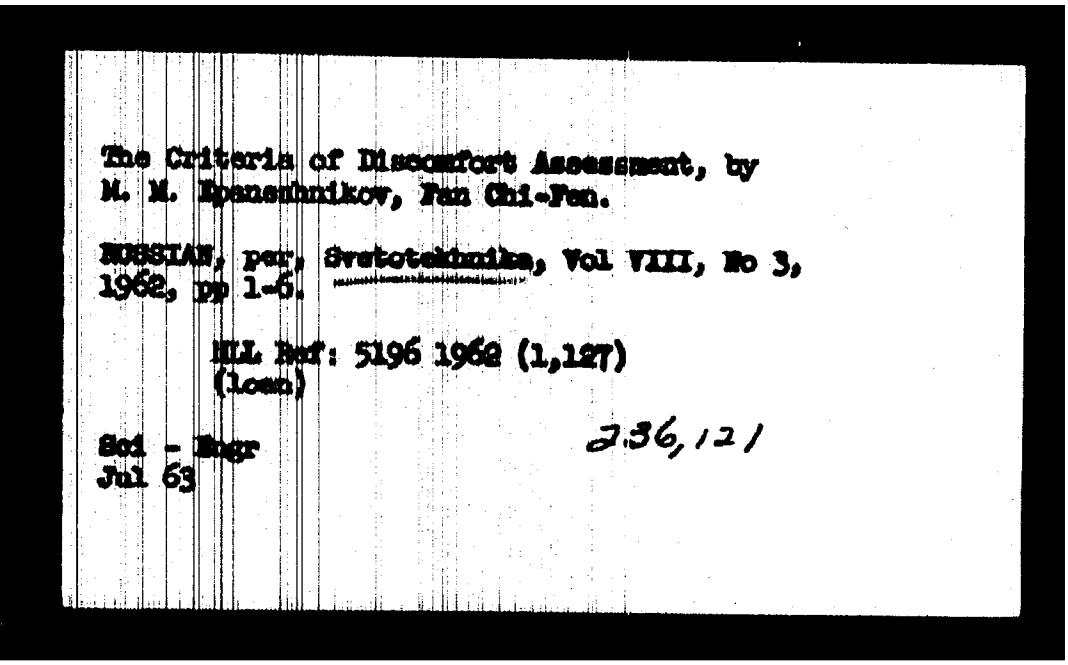

The Criteria of Discomfort Assessment, by
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HLL Ref: 5196 1962 (1,127)
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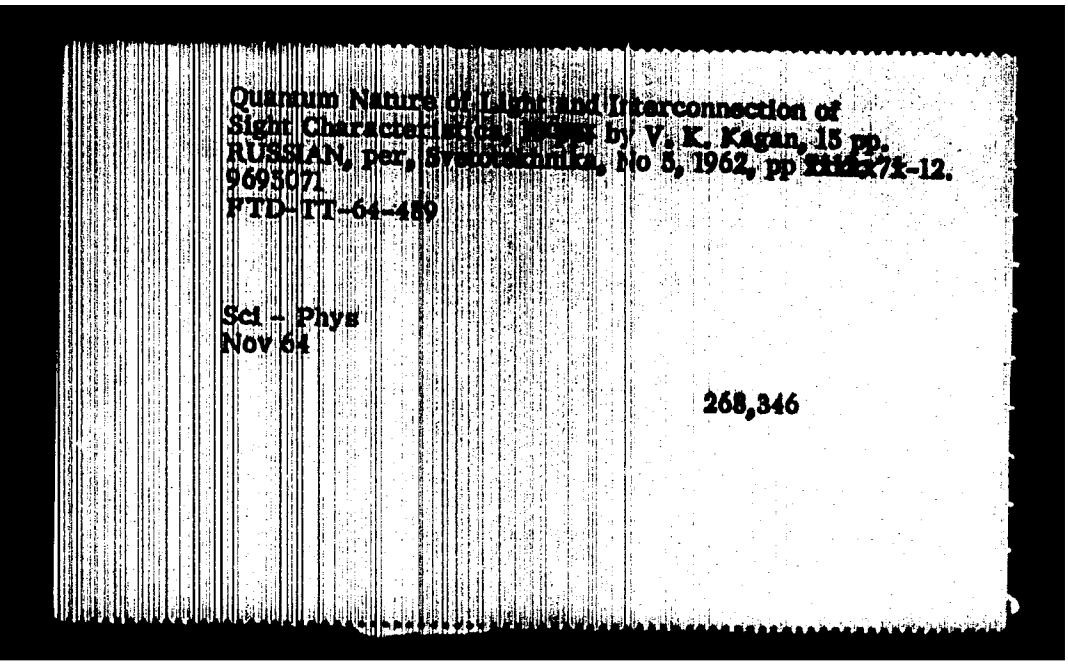

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Quantitative Estimation of Dazzle Produced by Street Lighting Installations, by M. A. Ostrovskiy.

RUSSIAN, per. Svetotekhnika, Vol VIII, No 6, 1962, pp 1-9.

GS/93/RLC 1091

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July 63

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(DC-8025)

RADIATION-ENERGY CONDUCTORS, BY V. B. VEYNBERG, L. N. IVANOVA, D. K. SATTAROV, 17 PP.

RUSSIAN, SVETOTEKHNIKA, (PER) NO 7, 1962, PP 1-[illegible] 5.

JPRS 15176

SCI - PHYS, ELECTRON

SEP 62

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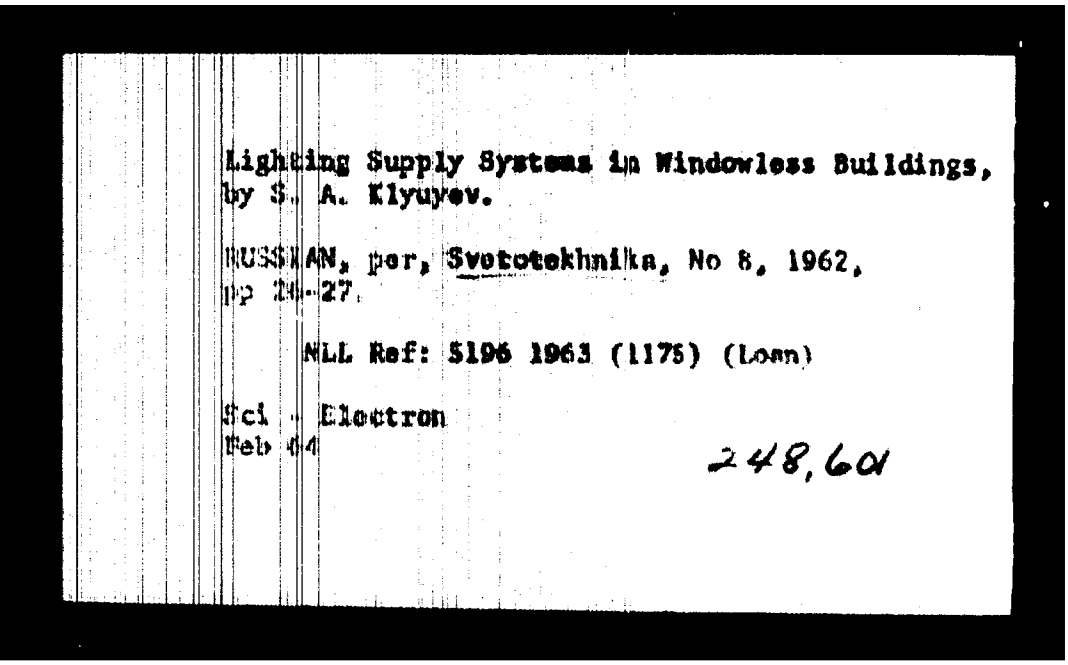

Lighting Supply Systems in Windowless Buildings, by S. A. Klyuyev.

RUSSIAN, per, Svetotekhnika, No 8, 1962, pp 24-27.

NLL Ref: 5196 1963 (1175) (Loan)

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Relationship Between Threshold Luminance Contrast and Size and Shape of Threshold Luminance Contrast and Size and Shape of Target, by I. M. Kokorin.
RUSSIAN, per, Svetotekhnika, Vol VIII, No 9, 1962, pp 1-10.
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Sef
Aug 64

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ON THE ROLE AND TASKS OF THE ALL-UNION LIGHTING ENGINEERING XX INSTITUTE, BY T. K. GLAZUNOV, S. G. YUROV, 13 PP.

RUSSIAN, PER, SVETOTEKHNIKA, NO 11, NOV 1962, PP 3-9.

JPRS 17094

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JAN 5 63

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NEWLY DEVELOPED ELECTRIC LIGHTING FIXTURES,
BY E. S. ROZENTAL', 5 PP.

RUSSIAN, PER, SVETOTEKHNIKA, NO 11,
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JPRS 17094

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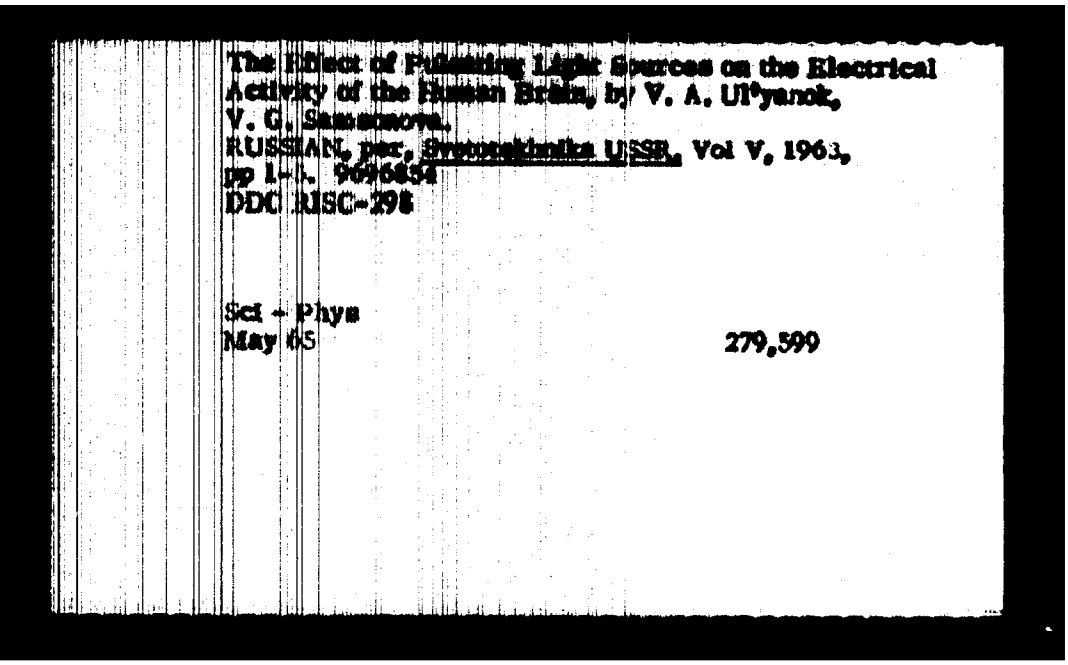

The Effect of Pulsating Light Sources on the Electrical Activity of the Human Brain, by V. A. Ul'yanok, V. G. Samsonova.
RUSSIAN, per, Svetotekhnika USSR, Vol V, 1963, pp 1-4. 9696854
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May 65 279,599

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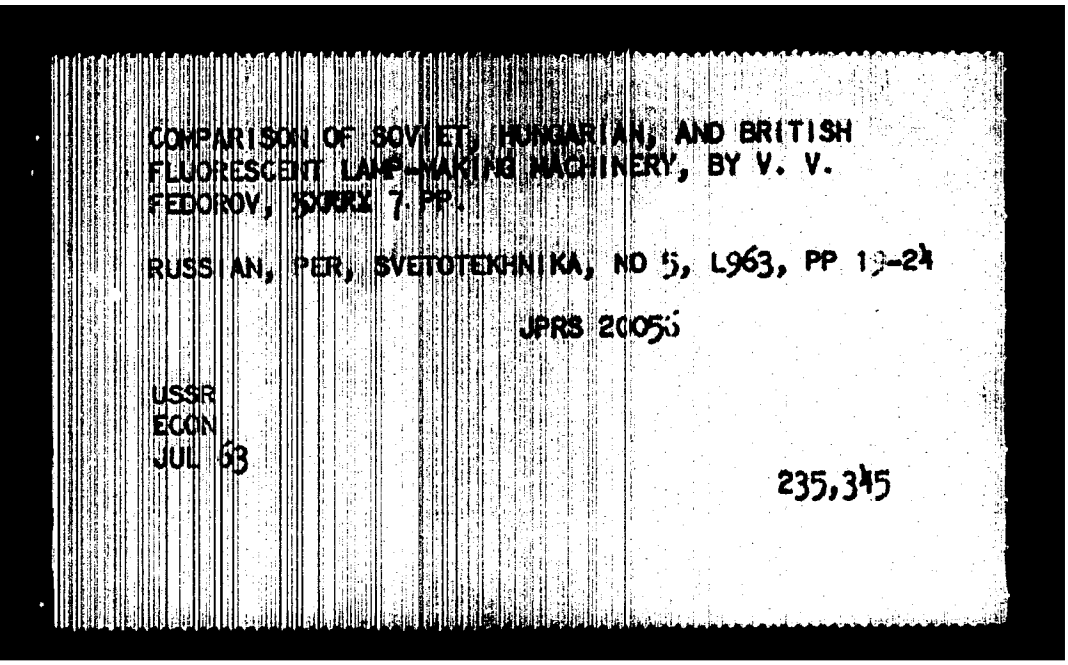

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ELECTRIC BULBS WITH DIFFUSE REFLECTORS, BY A I CHUSHKIN, 6 PP.

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JPRS 25094?

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APPROVED FOR RELEASE: Tuesday, May 28, 2002 CIA-RDP91-00772R000200810066-5

Small Non-Ballast Tubular Xenon Lamp with Water Cooling, by I. S. Marshak.
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NLL RTS-3073

Sci-Engr
Jul 66

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MANUFACTURED LAMPS WITH INCANDESCENT BULBS AND THEIR BASIC CHARACTERISTICS, BY YU B AYZENBERG, Z. A. SOLNTSEVA, 10 PP.

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